Periodical WR

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DETROIT

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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

Late Pigs May Make Money

DO EARLY pigs or late pigs make the most money? Are there special conditions this year that might make late pigs profitable?

Young animals do better in early spring; hog raisers have more time to care for sows at farrowing time; pigs get the advantage of all of the grass season. Those are the arguments offered by the early-pig men.

Late pig men counter with the advantage of getting sows on grass before farrowing, say that pigs don't chill to death in June, and that late pigs require less attention and expensive equipment.

So much depends on farm equipment and experience of the hog raiser that there is probably no answer to the early and late pig argument that would fit all farms. But there may be special reasons for late pigs this year.

Pointing to corn and hog prices, Francis Kutish, Iowa State College Economist, says: "Many farmers can profitably increase their spring pigs this year.

"Corn at loan values and floor prices for hogs means about a 13.5 to 1 hog-corn ratio in central Iowa."

The present supplies of meat seem likely to keep hog prices at the ceiling rather than at the floor, well into another marketing year, Kutish continues. But, if needed, the $12.50 hog price floor, Chicago, extends to March 31, 1946, on 200-270 pound weights.

There is still time to breed sows for June pigs. February 17 to March 19 breeding will cause sows to farrow from June 10 to June 30. These pigs would be nine months old when the floor price ends.

Extra Sows Lloyd E. Rittgers, Polk county, Iowa, is keeping some extra sows. Thinks bred sows will be in demand.

Corn Moisture is tested for Albert Weitzel, Sac county, Iowa, by J. V. Paulson, of Odebolt Cooperative Elevator.

Must Dry Corn Or Take Loss

IF YOU don't want to lose part of last year's corn crop, better check the corn in the cribs for moisture content now.

J. V. Paulson, of the Odebolt, Iowa, Cooperative Elevator, says corn received from Sac and Ida counties averaged 23.5 per cent moisture in early February.

Corn in other parts of the state was still wetter, says A. J. Loveland, of the Iowa AAA committee. Some of it has more than 25 per cent moisture.

No one knows just how much moisture corn can have and not spoil in warm weather. But every one agrees that 23.5 to 25 per cent moisture means spoiled corn. The safe limit is probably 20 to 22 per cent.

Corn can be tested for moisture at elevators or AAA offices. The sample should be taken near the center of the crib with the ear corn probes used by corn sealers.

If the test says move the corn, one way is to sell it and take the discount. On the basis of No. 2 corn at $1, high moisture corn will be worth as follows:

Corn with 20 per cent moisture, 94½ cents; 22½ per cent, 89¼ cents, and corn with 25 per cent moisture will be worth 84½ cents per bushel.

A safer and surer method is to dry out wet corn on the farm. Railroad cars and elevator drying facilities are limited. Perhaps you can't sell it when you want to, and the price might be lower if you could.

Corn can be dried on the farm by moving it to narrow, well-ventilated cribs. Some may have to build temporary cribs of slatting or wire fencing, with good roofs and floors. It will take time and money to move the corn, but may save a much bigger loss.

Time To Seed More Acres?

WHEN a farmer put more than half of his tillable land in row crops, the neighbors used to say: "He's farming that land too hard—no dirt can stand it."

But neighbors can't talk now. Everybody is robbing the soil. In 1944, Iowa farmers planted over 14 million acres to intertilled crops. Fourteen million acres is more than one-half — 56 per cent, to be exact—of the 25 million crop acres in Iowa.

Farmers will continue the heavy cropping in 1945 to support war-time food demands. A surprising thing is that farmers' intentions to sow grass seed this spring indicate they expect the same heavy cropping to continue in 1946.

A cross-section of farmers was asked by Wallaces' Farmer and Iowa Homestead how many acres they seeded to clover and alfalfa last year, and how many acres they intended to seed this spring.

Nineteen per cent of all farmers said they would sow no clover or alfalfa this spring. Seventeen per cent sowed none last spring. No change was indicated for farmers seeding one to 30 acres, comparing '44 and '45.

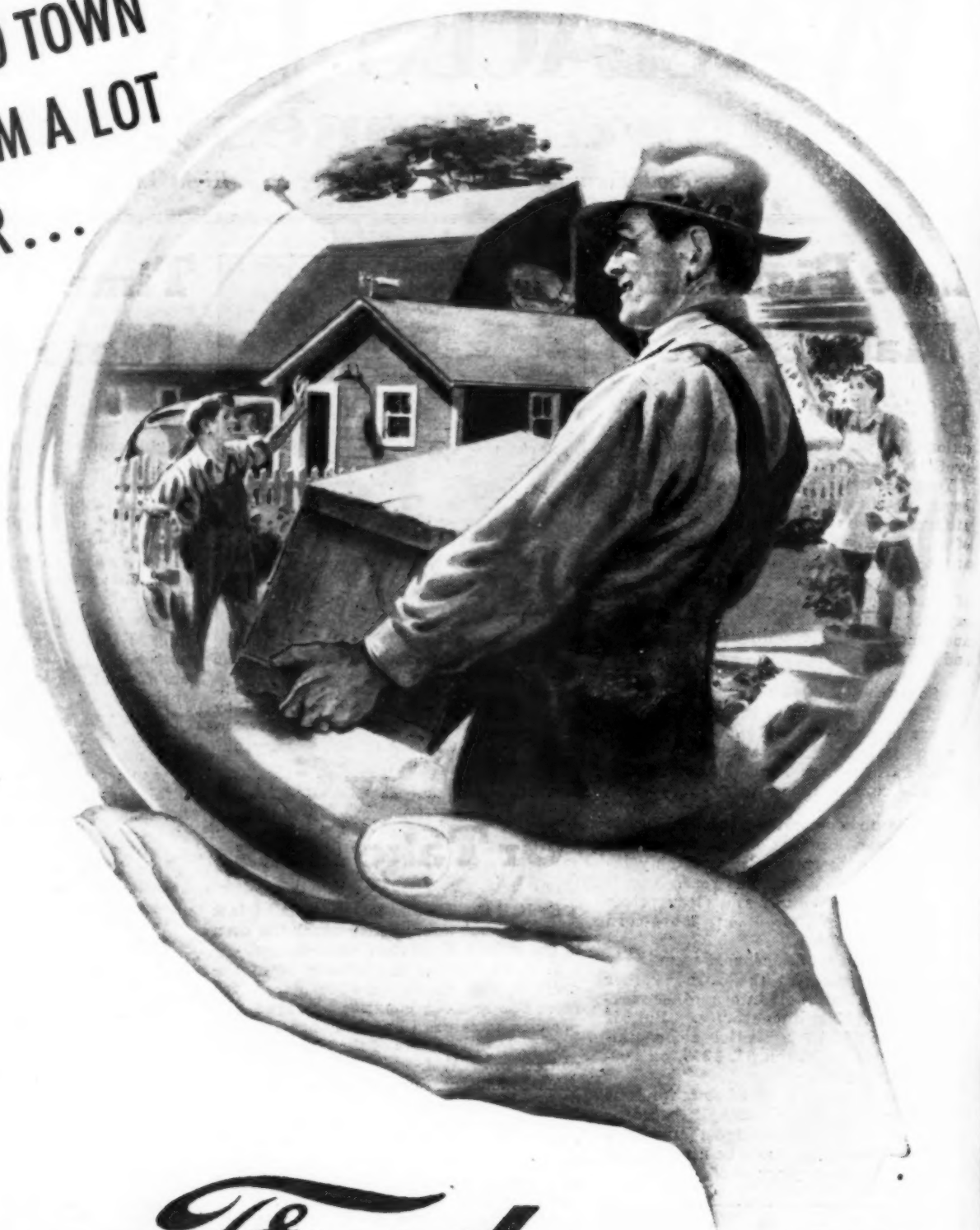
"Reduction of intertilled acres after the war by about 25 per cent" is needed, according to a report on proper land use by an Iowa State College committee headed by W. H. Pierre. More grass might also be needed to help price supports.

Clover and alfalfa must be sowed a year before needed. If farmers think more grass acres necessary after the war, and if, after the war means 1946 or 1947, it's time to be sowing more legumes.

More Legumes will be seeded this year by Herb Paulson, Greene county, Iowa. Last year 40 acres, this year 50.

FEBRUARY 17, 1945
IOWA'S LEADING FARM NEWSPAPER

"GOING TO TOWN" WILL SEEM A LOT SHORTER . . .



There's a Ford in your future

That trip to town won't be nearly the chore it once was. For in the coming days of peace there'll be a new Ford car—a big, sturdy, roomy car that will make it smooth going all the way. . . . Then you'll watch the miles melt into the air. In front seat or back, you'll ride at ease—and be fully relaxed. . . . But that's not all! Many other refinements will be found in this new car. Smart, improved styling. A new richness, inside and out. And, of course, the famous thrift and economy and sturdiness that are traditional with all Ford cars. . . ."How soon?" We'll be ready to start production plans whenever we get the "go-ahead." In the meantime, course, our total efforts and resourc are devoted to speeding Victory.

FORD MOTOR COMPAN

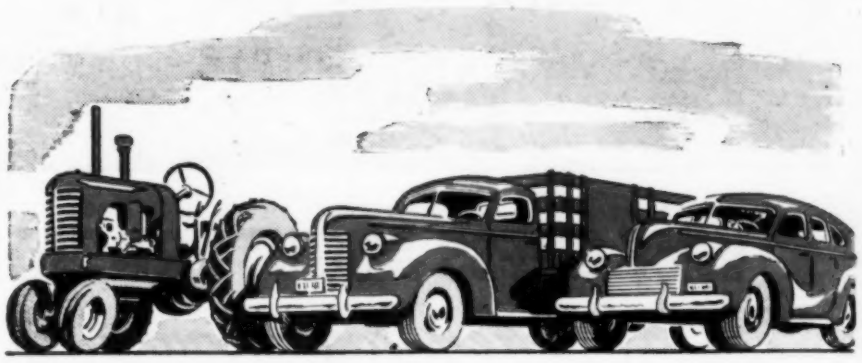
Ford

WALLACES' FARMER AND IOWA HOMESTEAD. February 17, 1945 (Volume 70, No. 4). Published first and third Saturdays of each month, by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, two years for One Dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1945, by the James M. Pierce Corporation.

the TIME

NOW—before the heavy spring plowing season lands on you!

the PLACE



IN YOUR TRACTOR, truck and car—whose operation means so much to your success!

and the LUBRICANTS

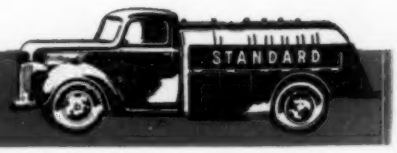
STANDARD OIL motor oils, lubricants and greases—for years more midwest farmers have used these lubricants than those of any other supplier!

For new equipment, or old, you can't beat good care plus top quality products. You supply the care, we'll supply the products. Start saving with Standard Oil. Get prices from your Standard Oil Man.

SAWLOGS
UNCLE SAM NEEDS YOUR TIMBER
Start today to
CUT AND HAUL
See Your County Agent
PULPWOOD

Buy more War Bonds

STANDARD SERVICE **STANDARD OIL COMPANY** Serving Farm Front Fighters



INDEPENDENT TESTS PROVE GOODYEAR SURE-GRIPS PULL BETTER, SLIP LESS, DO MORE WORK IN SAME TIME. Impartial farm experts made scientific check of open and closed center tread tires on same tractors, on clay, loose soil and cover crops. Results showed open center tires pull 6% to 11% heavier drawbar loads with no increase in slip — pull same drawbar loads with less slip—do up to 22% more work—a saving equal to one day's work in every six. That's the Goodyear Margin of Saving!

WHY GUESS ABOUT TRACTOR TIRES

when you know this?

THE most important fact to remember about farm tractor tires today is that *open center* tread tires pull better, slip less in any going — as conclusively proved in the tests described above.

That's why it pays to insist on Goodyear Sure-Grips. Their *open center* self-cleaning tread gives you the Goodyear Margin of Saving — extra traction that means more work per day — more acres cultivated with less fuel, in the same time.

One look at the Goodyear Sure-Grip tread shows you why it's better. Those open-at-the-center channels are wide enough to sluice out dirt. There are no mud traps to gum up and lose traction. And no dead-end pockets to snag and tear on roots and stones.

Because this tread is self-cleaning, those husky, wide-based lugs bite sharp and sure, giving you more drawbar pull on plowed ground, wet fields and cover crops. They ride easier, too, because even spacing prevents jerks.

No wonder more and more farmers are changing to Goodyear Sure-Grips. Tests have proved they do up to 22% more work in the same time. So why guess about tractor tires when you know this time-and-money-saving fact?

See your Goodyear dealer about Sure-Grip retreads for your smooth-worn tires, regardless of make

Sure-Grip—T.M. The Goodyear Tire & Rubber Company

BUY WAR BONDS—BUY FOR KEEPS

THE GREATEST NAME IN RUBBER

GOODYEAR

Sure-Grip Tractor Tires

INSIDE STUFF

MANY FARMERS who heard or read much of the hostile radio and newspaper comment on Wallace's nomination for Secretary of Commerce must have said to themselves: "That certainly doesn't sound like Henry. I wonder if he's changed."

▲ ▲

LET THE READER JUDGE. I am quoting below from Henry Wallace's testimony at the senate committee hearing. He said:

▲ ▲

"AMERICA'S known capacities are not difficult to calculate. We are now producing goods and services to the gigantic total of 200 billion dollars a year, with 52 million workers and 12 million service men. In simple language, that means America is producing nearly twice as much as she ever produced before the war."

▲ ▲

NOTHING WRONG so far, is there? These are facts recognized by economists everywhere. But then Wallace went on:

▲ ▲

"I KNOW, and you know, that if we can produce a huge flow of ships and guns and planes and tanks, we can also produce an abundance of houses and cars and clothing, and provide education and recreation and the other good things of life for all Americans."

▲ ▲

THAT KIND OF TALK sounds sensible to farmers, even tho it seems to have scared some folks. What scared them worst was that Wallace went on to explain how this abundance could be secured.

▲ ▲

IF WALLACE were a "dreamer," a "foggy idealist," no one would worry about him. But the fellow acts! He talked about parity income for farmers, and then he went on to use the AAA, FCA, etc., to get parity income for farmers. And, given a chance, he'll do the same for increased industrial production.

▲ ▲

THAT IS WHAT WORRIES those industrialists who specialize in scarcity, who like bottle-necks in production, who are afraid of big markets. It doesn't worry Henry Kaiser, a Wallace supporter, or Wilson, of General Electric, who says bigger production and lower prices will be the post-war policy of his company.

▲ ▲

JAKE MORE, chairman of the Iowa State Democratic Committee, spoke for only 16 per cent of the farmers who voted for Roosevelt when he asked for repeal of the Iowa state income tax. On the other side, a survey shows 62 per cent of Iowa Roosevelt voters for the income tax.

▲ ▲

IF YOU MUST GET pneumonia—I don't recommend it—get the old fashioned galloping kind that still will knock out. For the last month I've been in bed with a freakish kind of pneumonia that doesn't pay any attention to sulfa or other new medical discoveries.

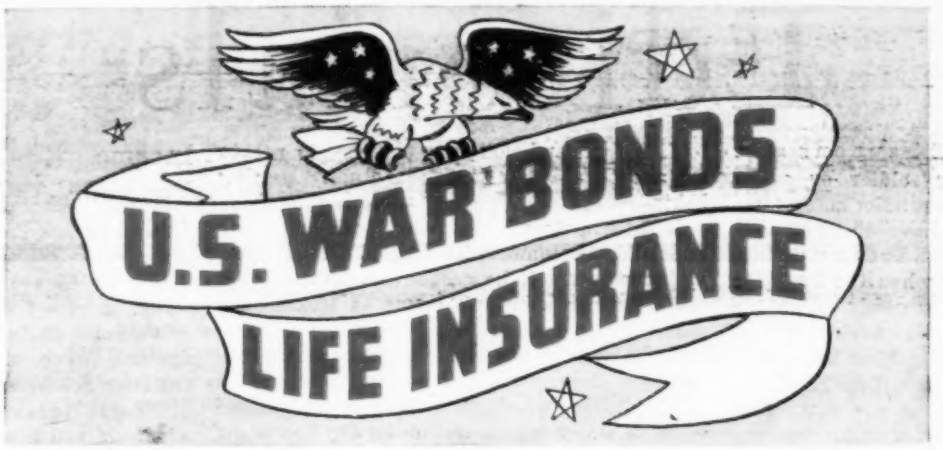
▲ ▲

IN TIME OF ILLNESS, hospital insurance is a great comfort. I recommend again that every farm family sign up for the Blue Cross when it has a chance.

▲ ▲

AT LEAST, I don't have to change farms March 1. It would be tough to have to get out of bed and start loading pigs.

DONALD R. MURPHY.



The Two Best Investments For Your Savings

49th Annual Statement

As of December 31, 1944

This Statement is Directed to YOU, "THE SOLDIERS OF THE FARM"

Thousands of Satisfied Policyholders say, "BUY FROM CENTRAL LIFE"

ASSETS

Farm Loans	(3.8%)	**$ 2,574,797.95**
City Loans (other than F.H.A.)	(4.7%)	**3,138,008.96**
City Loans Insured by Federal Housing Authority	(18.4%)	**12,364,399.81**
Real Estate sold under Contract	(1.9%)	**1,292,972.42**
Real Estate not sold under Contract	(0.6%)	**374,804.11**
Policy Loans	(6.6%)	**4,431,775.34**
Bonds:		
State, County and Municipal	(7.0%)	**4,720,248.25**
Public Utility	(12.6%)	**8,479,673.25**
Industrial	(2.3%)	**1,567,532.00**
Railroad	(0.5%)	**328,830.36**
Dominion of Canada and Provincial	(4.3%)	**2,885,572.05**
U. S. Government	(34.2%)	**23,030,403.62**
Cash in Banks and Offices	(1.8%)	**1,220,465.42**
Interest, Net Premiums and Other Assets	(1.3%)	**907,900.22**
Net Admitted Assets	(100.0%)	**$67,317,383.78**

LIABILITIES

Reserves on Policies		**$50,074,254.71**
From this Fund, increased by Premium and Interest Earnings, all policies are payable when they become claims.		
Death Claims Due and Unpaid		**None**
Policy Claims		**406,731.29**
Matured Endowments and Other Claims in process of payment.		
Present Value of Death, Disability, and other Claims payable in installments		**4,653,621.98**
Reserve for Payment of Taxes		**169,628.22**
Reserve for Miscellaneous Obligations		**3,583,707.93**
Funds assigned for Future Distribution		**1,180,595.84**
Dividends to be paid living policyholders.		
Total Liabilities to Policyholders and Others	(100.0%)	**$60,068,539.97**
Contingency Reserve for Excess Mortality	(0.8%)	**500,000.00**
A Fund set aside for possible war losses.		
Unassigned Surplus	(11.2%)	**6,748,843.81**
Total		**$67,317,383.78**

Over $200,000,000 in Force

Total Surplus for Policyholders $7,248,843

GENERAL AGENTS IN IOWA

A. L. ALLEN.....Des Moines
FRED H. BROWN.....Des Moines
JAKE DOUGLAS.....Mason City
MACK FISH.....Waterloo
E. L. GIFFORD.....Dubuque
DON B. LOHNER.....Spencer
GEORGE L. MACE.....Clarinda
H. W. MARSHALL.....Marshalltown
W. D. MOORE.....Cedar Rapids
LELAND T. SLOANE.....Davenport
W. H. WRIGHT, C.L.U.....Sioux City
HUGH G. ZIEGLER.....Ft. Dodge

Local Agents Throughout Iowa

ONE OF THE LOWEST NET COST LIFE INSURANCE COMPANIES IN THE UNITED STATES

CENTRAL LIFE ASSURANCE SOCIETY

HOME OFFICE (MUTUAL) DES MOINES

Editorials

When Your Soldier Gets Home

WHAT happens after your soldier or sailor comes home? Not many farm families have thought that far ahead. They are living, just now, for the moment when the boy gets off the train and is back for good.

But, for his sake, there's more to think about. He'll be coming back from a hard life and a different life. Settling down will be hard.

Make it as easy for him as you can. And don't expect him to be exactly like the boy who went away. Too much water has gone over that dam.

Don't be surprised or indignant when he—

Has sudden fits of rage for no apparent cause;

Changes his mind suddenly and upsets other people's plans;

Mopes around and is glum and irritable;

Keeps up army habits that you perhaps don't like;

Has a hard time settling down to regular work;

Is on bad terms with some old friends, on good terms with some new friends you don't enjoy.

Some ex-service men won't show any of these traits. Some will show only a few. Some will show all of them. They will have a hard time. So will their families.

What can the family do? Show your affection by action and consideration, not by "fussing" over him, but don't expect that affection to be returned openly. Don't lecture him on anything; he's had all the ordering around that he wants. That's very important. And be very patient.

It takes time to make a civilian into a soldier. We know that. It takes time to make a civilian out of a soldier, too.

Remember the time you helped fight fire all night at Neighbor Smith's barn, the time young Smith got caught in the horse stable and was burned to death? You were pretty shaky the next day. For a week afterward, you were irritable and nervous.

Well, your boy in the service has been fighting worse fires for months and years. He has seen hundreds of his comrades die hard deaths. It will take time for that to wear off.

Give him that time. And, with it, affection and lots of patience.

Selling Fertility For Cash

FARMERS have an uneasy feeling that, altho figures say their income is 50 per cent above parity, things are not quite that good.

In this, they are probably right. The parity income figure does not make allowance for the sale of capital assets now going on.

In these war years, farmers are selling a lot of soil fertility for good prices. That fertility is not being replaced.

In these war years, farmers are not replacing worn-out equipment, buildings, fences. They can't.

When the war is over, farmers will need to spend time and money on lime, fertilizer, green manure, reseeding, repairs, new buildings, new fences, new equipment.

Those expenditures must be made out of funds being accumulated now. The chances are that farm income, after the war, will be much lower than at present.

So, a farmer with an income 50 per cent above parity, probably should be putting that extra 50 per cent into war bonds and laying those bonds away to replace the capital assets he is now selling for cash.

Unless the average farmer has from one to five thousand dollars laid away to use to replace these losses, he is actually getting behind.

If a farmer with two barns tore down one and sold the lumber, he wouldn't count that as income—not if he needed the second barn. So, a farmer shouldn't count as income the money that comes from tearing down soil fertility or wearing out farm buildings and equipment.

The farmer who puts a third of his net income in war bonds is not doing any too much to prepare for the rebuilding he must do when the war is over.

AGAINST LOW PRICES

Farm income has passed its war-time peak.

That is the hard, sobering fact which should sink into every farmer.

In 1945, even with good luck, farm income will be from 5 to 10 per cent under that of 1944.

In 1946, even if the Steagall provisions for holding prices at 90 per cent of parity are carried out, farm income is likely to be 20 per cent under 1944.

And after the Steagall two-year period is over, we shall be producing 40 per cent more than in pre-war for consumers who, even with full employment, are not likely to eat 20 per cent more than in pre-war.

Every farmer, as an individual, should pay debts, buy war bonds, get squared away for trouble.

Every farmer should insist that his farm organization and his congressman get down to brass tacks quick, to build dams against the post-war slump.

Those dams should include:

Cash subsidies to make the Steagall supports work.

Subsidized consumption thru school lunches and food stamps.

Stimulation of employment to keep consumer payrolls high.

And plenty more.

Time is getting short. Let's use the comparatively good year of 1945 to build good dams, quick!

Hang Onto Bred Sows And Gilts

DON'T sell those extra bred sows and gilts. Most farmers held out and bred a few more sows and gilts in December than they really meant to keep. Don't let go of them now!

If you are sure that you will not want to keep the extra sows yourself, it may still pay you to hold them for a while. Your neighbors might want to buy them from you at a good price.

Sows and gilts can still be bred for late spring litters. And late litters can often be handled with a low death loss, low feed cost and low labor cost.

As nearly as anybody can tell now, prices of hogs will be good thru March of 1946. Government support continues at $12.50, on a Chicago basis, for 200 to 270-pound weights, for the next 13 months, or until March 31, 1946.

Income For Your Old Age

"WHAT'S this about paying farmers social security pensions?" one farmer asks. "I thought the state paid old-age pensions if you got to be 65 years old and didn't have anything. I hope I won't need that."

We hope so, too. But social security "old-age and survivor's insurance" is quite different from federal-state old-age pensions.

Old-age pensions are paid on a basis of need. If you are a citizen of the state, have little property or income, and meet other conditions, you are allowed an old-age pension in lieu of residence at the county farm.

Social security "old-age and survivor's insurance" is being paid now to many city workers on the basis of their contributions. Payment of this insurance has nothing to do with need. If you earned it, you get it.

For instance, if farmers and other self-employed folks were brought into social security, a farmer of 55 with an average income of $1,000 might pay into the fund $20 a year. At 65, if he quit work, he would be entitled to a monthly benefit of $25.65 as long as he lived.

Congress is now considering broadening the act to bring farmers in. Exact terms of farmer participation are therefore not yet known.

But the plan has nothing to do with federal-state old-age pensions to the needy. This old-age insurance would go only to those who had contributed to the retirement fund.

Do Farmers Want State Income Tax?

DO IOWA farmers really want a state income tax? Some doubt was expressed on this point in recent debates in the Iowa legislature.

Wallaces' Farmer and Iowa Homestead, thru its scientific sampling of the farm population to get a picture of farm opinion, has checked this question before. But views change sometimes, so a short time ago we made another survey to see what percentage of Iowa's farmers wanted the state income tax repealed.

Only 20 per cent of the state's farm people were in favor of repeal. And 59 per cent were for the retention of the income tax in some form. The remainder were undecided.

Farm people under 35 years of age showed a much smaller vote for repeal than did older folks. Democrats had fewer votes for repeal than did Republicans. Women showed fewer votes for repeal than did men. Farm Bureau members were only 15 per cent for repeal, while non-members voted 24 per cent for it.

Biggest vote for 100 per cent collection of the state income tax and smallest vote for repeal were given by farm people under 35. Folks of this age group have more children in school than older farmers. This fact may have made them more sympathetic toward full collection of a state income tax as a basis for state aid to schools.

Farm Exports Will Shrink In Post-War

DON'T gamble on a very heavy post-war trade in farm products. James C. Maddox, of the Bureau of Agricultural Economics, estimates about one and one-fourth billion dollars in farm exports for the first five years after the war. This is more than the five pre-war years, but much less than in 1925-29.

Even this volume of exports can not be obtained unless we have full employment at home, and unless we price our farm exports low enough to compete with other countries.

Odds *and* Ends

BY THIS time, every one knows about what he is going to plant in each field, when spring comes. But have you got your seed supply?

CHECK up with your AAA committee on what you can earn in soil conservation payments this year. All taking out and no putting back soon comes to the bottom of the soil-fertility barrel.

GEORGIA, under its progressive governor, Ellis Arnall, is making a direct attack on the poll-tax. The legislature has just voted outright repeal of the tax. In many southern states, poll-taxes have kept voting in the hands of small groups.

GOVERNOR DEWEY, of New York, discussing reduction of state tax rates in war-time, said recently: "Any temporary amelioration of tax burdens on our people in a time when inflationary forces are playing more freely than at any time since the Civil war, would only add further support to such inflationary forces."

THIS is the position, also, of the Iowa Farm Bureau, in asking for 100 per cent collection of Iowa's state income tax. Incidentally, Governor Dewey has locked up 310 million dollars of surplus revenue into a fund to be used for post-war purposes only.

A SENATE bill in congress would provide that acreage allotments, in case the old AAA plan is revived, would be on a pre-war basis, and would not be affected by war-time changes. Yet the needs of the nation will be different from the pre-war needs. Won't it be necessary to make changes in the allotments accordingly?

WE'RE likely to have War Time until the European war is over, according to congressional leaders. King, of the War Production Board, expresses the hope that "we shall soon be able to see such achievements in war production that we shall no longer need to retain these controls."

WORLD rubber demand in the post-war period will be right around 1,500,000 tons a year, according to State Department estimates. Our synthetic plants can turn out a million tons. The South Pacific, three or four years after the war, could produce 1,500,000 tons. South America and European synthetic plants might add more.

WHAT happens when supplies of nearly three million tons meet a demand of 1,500,000 tons? Will the United States put tariffs on rubber and try to keep all its synthetic plants in operation? Or will rubber production go to the cheapest producers?

EVEN tho Iowa does need state aid for schools, to see that children in poor districts get a fair education, the poorest of the schools of Iowa are better than many in the poorer states of the south. Two million children in the United States, between the ages of 6 and 15, are not attending any kind of school. Ten million adults attended schools so poor that they are virtually illiterate. Federal aid for schools is needed, too.

Song of the Lazy Farmer

MORE neighbor boys in fighting togs means my old farm must raise more hogs and I must stoke them shotes with corn to help speed on the victory morn when Allied armies will release the conquered folks, and furnish grease to fatten up each hungry kid to overcome what Hitler did. I'd rather see my neighbors stay and help each other with the hay and go to fairs and live the life we did before this awful strife.

Last fall, I thought the big demand for pork would cease when we disband and everybody shouted loud that we had Hitler in a shroud. But Mother Nature did not stop, she grew us one more bumper crop, and bags and bins are bulging full of stuff that grows milk, meat and wool. As long as Nature done her part and showed us she was much too smart to let things slide and go to pot, then you can bet your boots I'm not. My program and my present aim, unless I get too old and lame, is just to keep on slopping pigs and watch 'em taking hearty swigs of protein soup and vitamins to help kick Nippon in the shins. No ceiling price will regulate my good old sow's prolific rate. I miss them boys of my old craft who shouldered rifles in the draft, but here at home I'll back 'em up and feed 'em like a fighting pup.

GET READY

FOR BEST POULTRY AND EGG PROFITS

Your 1945 egg and poultry profits are "in the making" from the day your chicks reach your farm. Whether or not your chicks get proper nutrients in proper balance is going to make a BIG difference in the profits they pay you.

HONEYMEAD START-LETS

You are sure of your chick ration —when you feed vitamin-calculated HONEYMEAD START-LETS. That is because HONEYMEAD START-LETS furnish specific and balanced amounts of Vitamins A B D and E, riboflavin, filtrate factor and Dextrose. Chicks need these nutrients —for low mortality—fast growth —and low-cost development into early layers of quality eggs.

There is a modern, HONEYMEAD BALANCED PROTEIN FEED for every feeding need—for pigs, sows, hogs, cattle, sheep, chicks, pullets, hens and turkeys. Each one has a proved record of feeding results and feeding economy. That is why — every day — more livestock feeders and poultry raisers are saying . . .

"GIVE ME HONEYMEAD"

FAST PIG GAINS

AT LOW COST

TIME is MONEY in hog raising. To pay you best profits—you have to put FAST growth and gains on your pigs. You have to get them to best paying market weights EARLY and at low feeding cost. That's money-making hog raising!

HONEYMEAD MEEL

Pigs need proteins. They need minerals. They need vitamins. They need Dextrose. HONEYMEAD MEEL supplies ALL of them — in properly balanced amounts. Fed with corn and other grains HONEYMEAD MEEL is designed to help you get your pigs to best market weights in less time — with less feed — with less work —AND AT MORE PROFIT.

HONEYMEAD PRODUCTS CO.
CEDAR RAPIDS, IOWA

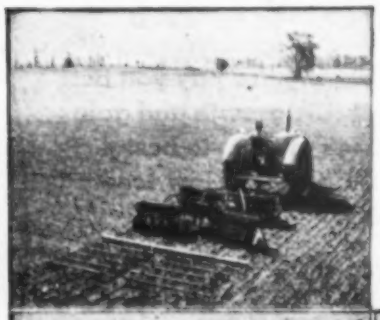
BUILT TO DO THE WORK

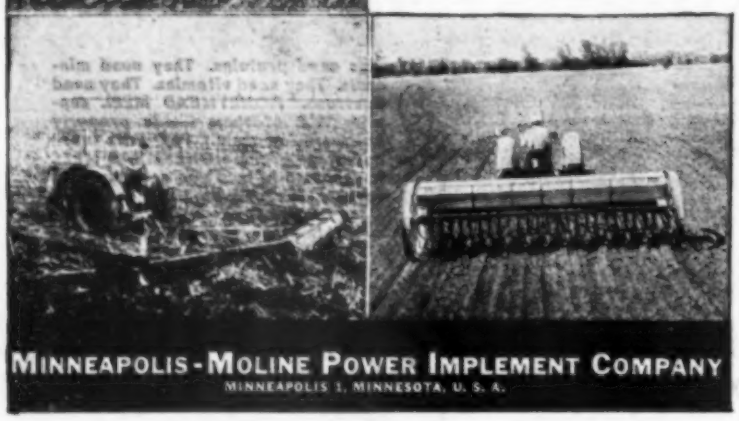
Stamina . . . the ability to "take it" for long periods of tough going . . . doesn't come as an *accessory* to tractors or farm machinery. You can't buy it as an *extra* like headlights or rubber tires if they are not regular equipment. It's either *designed* and *built* into every part of the machine or it isn't there at all.

Minneapolis-Moline Machinery and Tractors are famous for stamina. Year after year users report amazing records of long, low cost, efficient service. This is due in part to advanced engineering and design which keeps a MM machine *modern* years after it was built, part to a conscientious policy of building machines to last, and the "Know How" of building them right. : : These things make MM Modern Machines—Quality Leaders.

Always of great importance this feature of durability has been of greater worth during the past two or three years when supplies of farm machinery have been insufficient and that still goes for now. For farm machinery *must* last . . . there just are not enough new ones for replacement! The world over MM machines have enlisted in war food production *for the duration!* Thousands of veteran tractors and implements, begrimed from long years of service in the field, are still turning in a full day's work every day . . . every season. They are proving again that MM machines are built to do the work . . . and do it well!

In spite of all these good features of Minneapolis-Moline machines, they have to be taken care of properly and at times they need overhauling and repair parts. Now is the time to inspect your machinery —SEE your MM dealer about overhauling machines that need it and be sure to replace parts that are worn with genuine precision made MM parts. . . See your MM dealer Now. Buy War Bonds and keep them.





MINNEAPOLIS-MOLINE POWER IMPLEMENT COMPANY
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Wallace Battle Has Farm Angles

Washington Opinion Is That Wallace Will Be Confirmed Without Lending Powers

WASHINGTON, D. C.—The congressional battle over confirmation of Henry A. Wallace as Secretary of Commerce and Federal Loan Administrator has its farm angles. Back of the desire of Wallace to hold these posts are his experiences as Secretary of Agriculture during Roosevelt's first two terms.

Those experiences taught the Iowan that the farm problems of ruinously low prices and agricultural surpluses were not to be solved satisfactorily by restrictive production measures when millions of Americans were going hungry.

They taught him, instead, that the only real solution is full industrial employment at good wages—an urban population financially able to buy the food and fiber products it needs.

Roosevelt and Wallace have set as their goal the provision of 60 million jobs when the war ends and fighting men return.

The fight on Wallace is not a fight against this goal. There is general agreement in congress that full employment is needed to make the nation prosperous. Opposition to Wallace is based upon a combination of factors, including:

1. Disagreement with his philosophy. Some opponents fear he would use the power and funds of the government to wage economic war on so-called "big business." Some say he would employ "easy" lending policies that would soon lead the nation into bankruptcy.

Some contend he would extend government controls to a degree that the whole economy would be controlled from Washington. It is charged that he was the administration's "chief business-baiter" the past four years.

2. Concern over the possibility that Wallace may emerge as a powerful contender for the presidency in 1948. This concern prevails in both the Democratic and Republican parties.

The fear is based on the fact that Wallace has been closely associated with the so-called "left-wing" Political Action Committee of the CIO for the past two years. Conservative Democrats fear Wallace and his followers may gain control of the party.

Some oppose him in the belief that no man should have the combined powers of Secretary of Commerce and Federal Loan Administrator.

Senate action on the Wallace appointment has been postponed until March 1. It is the prevailing opinion here that the George bill will become law in the meantime and that Wallace will be confirmed without the lending authority.

Some Wallace supporters said he might await the president's appointment of a successor to Jesse Jones as Federal Loan Administrator before deciding whether he wanted the commerce secretaryship. They pointed out that Wallace told a New York audience that he would not want to see another "too little and too late" man in the lending position.

These supporters said Wallace would be happy to serve as Secretary of Commerce without lending powers, provided the loan administrator saw eye-to-eye with him on post-war economic policies and would cooperate with him on programs designed to create full employment.

Of immediate concern to farmers was congressional action on legislation affecting war-time farm price supports. The administration had asked that the price-supporting agency, the Commodity Credit Corporation, be extended beyond next June 30, that it be given an additional two billion dollars and that restrictions on the use of funds for subsidies be lifted.

The senate banking committee approved a bill which would extend the CCC, but would reduce the additional funds to 1,500 million dollars and limit subsidies to 845 million dollars a year. This would permit continuation in 1945 of about the same subsidy programs which were in effect in 1944. The major program is that on milk production, costing about 500 million dollars a year.

There is a feeling here that the administration is in for some rough sledding on the food front this year. Civilian supplies of livestock products are becoming shorter and shorter, and, by spring and summer the situation is expected by many to cause widespread complaints.

The pressure brought to bear on a reduced level of production of meats is great. The military forces are demanding more. They are in the midst of a buying program for stock-piles for the big Pacific push against the Japanese. Likewise, lend-lease and foreign relief agencies are asking for more.

Reports are current in Washington that the government has made foreign commitments for meats that are far in excess of the supplies allocated for such purposes by the War Food Administration.

Secretary Wickard, in his annual report, sought again to arouse public interest in the present land boom, which he said was fast becoming agriculture's Number One problem of the moment. In another appeal for legislation designed to discourage land speculation, the secretary struck particularly at land buying by city people.

"The purchase of farms by city investors has increased rapidly of late," he said. "This has the effect of a double-edged sword against farm-home ownership. One blade hews down the number of farms available to operating farmers; the other cuts at progress made recently in developing concepts of normal land values and conservative mortgages.

"Many farmers are alarmed about this competition from city investors, whose surplus earnings have increased and who consider farms as a possible refuge from future economic storms.

"Many of these city buyers know nothing about farming; they have to rent out the places they have purchased, and the rental arrangements are frequently unsatisfactory. Ways must be found to relieve the tension that such conflict of interests creates."

Wickard said many industrial workers, service men and veterans have indicated that they are planning to enter farming after the war.

VICTORY IS OUR BUSINESS

WORKING TOGETHER

It takes a lot of work to make an apple pie—

Or a crop—or a healthy and profitable herd—or anything else that farmers produce.

And it takes a lot of cooperation! Nobody knows like a farm family how important *working together* is. There are jobs for everybody on a farm, and everybody has to do them or things just don't run smoothly or come out right.

It's the same way in industry. It takes all kinds of people to keep the wheels turning. And it takes all kinds of organizations, too—both small and large.

And so, over the years, American industry has become a network of related skills and talents, a great system of cooperating companies—some large, some small, some medium-sized—doing business with and for each other—turning out goods by *working together*, like the cogs of one great machine, in mesh.

For instance, during its war production, General Motors has drawn on nearly 19,000 different concerns scattered all over the country, for parts, materials and supplies. Some are big concerns. But three-fourths of the companies supplying us with fabricated parts for war production employ less than 500 people. Nearly half employ fewer than 100.

The same thing happens in peacetime. Manufacturers, small and large, have to *work together*, just as farm people do—each giving as *much* as he can of *what* he can. That's the kind of *teamwork* that has made American mass production the envy of the world.

It's interesting to consider these facts when we hear people talking about "big business" and "little business." It's pretty hard to tell where the activities of one leave off and the others begin—they're so woven together.

And each depends on the other. General Motors, for example, depends on parts makers, and both depend on other producers—of coal and ore from the mines, of wire and electrical goods, of steel and lumber and paint and glass, of many products of many kinds—including the wool and cotton and leather and other things that come from your farms.

Yes, it takes a lot of work to make a pie, a crop, a tank—and a busy, prosperous, sound and solid nation.

It takes a lot of working TOGETHER!

GENERAL MOTORS

CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC • FISHER BODY
GMC TRUCK & COACH • FRIGIDAIRE • DELCO APPLIANCE

Sunday Afternoon—NBC Network—General Motors Symphony of the Air

GRAND CHAMPION ...PILLSBURY FED!

Grand Champion "Teddy," and 17-year old Ben A. Greve, of Bryant, Iowa, feeder and exhibitor. Weight, 1190 lbs. Sold for $4.50 per lb. to Firestone Tire and Rubber Company

Top winner of the Open Class and of the Junior Feeding Contest, 1944 Chicago Market Fat Stock Show, was fed Pillsbury's BEST Calf Starter pellets, with home grains and roughage

THE SOUNDNESS and practicality of the Pillsbury's BEST Feeding Program—based on Good Breeding, Good Management, and high quality Balanced Rations—met every challenge in the winnings of this outstandingly finished Hereford calf.

The quality and dependability of the Pillsbury's BEST Feeding Program that helped make this calf a *Grand Champion*, will be found in Pillsbury's Feeding Program for all livestock and poultry—whatever your feeding needs.

See the Pillsbury's BEST Feed Dealer in your community—he's a good fellow to know. PILLSBURY MILLS, INC., Feed Mills Division, Clinton, Iowa, and Eight Other Cities.

Pillsbury's BEST FEEDS

Through three wars and four generations this famous old trademark has stood for quality and dependability in the farm field.

Fast-Growing Pigs come from sows that are well developed but not too fat. These sows are on the farm of a 1943 Master Swine Producer, Louis Schuster, of Webster county, Iowa.

Good Pigs Made By Sow-Care Now

You Feed the Pigs 114 Days Before You See Them, Says ISC Animal Husbandman

SWINE producers feed their hog crop 114 days before they ever see the pigs. The ration during this period determines what kind of a pig the hog raiser will have to work with.

Alfalfa hay or meal of good quality is coming to be one of the most appreciated feeds for pregnant sows. The Wisconsin experiment station recommends that alfalfa make up 35 per cent of the total ration for old sows and 30 per cent for gilts.

Some producers in Iowa feed as much as 50 per cent of the ration of old sows in the form of alfalfa. Alfalfa of good quality is a good source of Vitamin D, besides being rich in calcium and fairly high in a good quality of protein. Badly weathered hay, however, is of very little value.

Good red clover and lespedeza are also good. A swine producer near Creston, in Union county, Iowa, reported his old sows ate as much as four pounds of ground lespedeza daily.

In order to encourage a greater consumption of roughage, the following procedure is used by some Iowa swine producers:

A mixture is made of 900 pounds of ground oats, 900 pounds of ground alfalfa and 200 pounds of protein supplement. This is fed to gilts in self-feeders. Ear corn is fed by hand, and the amount given is determined by the condition of the sows.

For old sows, the protein supplement could be reduced to 100 pounds. If oats are not plentiful, half middlings might be substituted for half of the oats.

On most farms, the pregnant gilts and tried sows are allowed to run together, and, if hand-fed, the gilts are often fought away and do not get the feed they require.

Self-feeding will alleviate this difficulty to a great extent. Where a large number of sows and gilts are kept, they should be divided and the gilts given the richer feed.

Ted Dykehouse, who earned the Master Swine Producer's award from Clay county, Iowa, in 1942, says: "I make my ration bulky and let the sows run to it all the time; they do not overeat."

Oats and alfalfa are bulky enough so there is no danger of sows eating so heavily as to cause congestion of the udders at farrowing time. Many farmers, however, discontinue the feeding of corn a day or two before and after farrowing.

After danger of fever has passed, corn is added to the mixture and the alfalfa is reduced to 200 pounds.

Constipation is a condition which may cause plenty of trouble at farrowing time. This is sometimes brought about by too concentrated a feed, or may be due to lack of exercise. If linseed oil meal is included in the protein supplement, and the oats and alfalfa mixture is fed, there should be very little trouble from constipation.

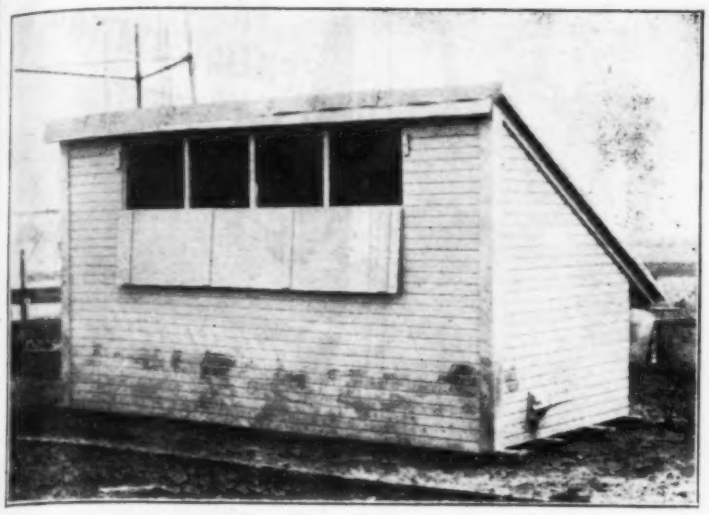
Brood sows should not be confined for long periods prior to and following farrowing. Most good hog raisers will confine the sow at night, but give her a chance to get out of the pen for her feed and exercise during the day.

Whenever sows are fed such bulky dry rations, they should have access to plenty of water. Brood sows, during the winter, often do not get sufficient water, and this may be a cause of constipation.

When yards are icy, and there is considerable snow, sows are very cautious about going any distance to get their water, especially if the weather is bad.

Minerals are also quite essential. During the summer and fall, pregnant sows root in the soil and obtain some minerals in that way, but during the winter and early spring, they do not have that opportunity. Many thoughtful swine producers nowadays gather good, clean sod or dirt in the fall, and give their sows some of this dirt during the winter.

Free access to a good mineral mixture will provide the necessary minerals, or one pound might be added to each 100 pounds of the oats and alfalfa mixture. Very little advantage seems to result, however, from force-feeding minerals to pregnant sows.—E. L. Quaife, Iowa State College Swine Specialist.



Hogs Rubbing on the agitator keep the ground feed worked down in this 125-bushel portable feeder built by Lloyd Sater, of Des Moines county, Iowa. The overhanging roof in rear shelters both hogs and feed.

Farm and Feed Lot

Cows Need Water Before Them

A cow giving milk should have from 3½ to 5½ pounds of water per day for each pound of milk she gives, according to W. W. Yapp, of the Illinois College of Agriculture.

That means that a cow giving four gallons of milk should drink from 14 to 22 gallons of water daily. Cows won't drink the required amount of water unless they have water before them at all times.

Cows offered water only twice a day went down 2.8 per cent in yield of milk in a USDA experiment. Yapp calls attention to an Iowa experiment in which cows getting water only twice per day went down in milk production 3½ per cent.

Yapp concludes that for a high level of milk production, cows should have water before them at all times. In cold weather, the water should be warmed to 60 degrees as an additional inducement for the cows to drink enough of it.

Soybeans That Heat Won't Grow

Soybeans stored on the farm should be examined for signs of spoilage. Beans stored with a moisture content as low as 12 per cent may give trouble, according to W. V. Hukill, USDA corn and soybean storage specialist for Iowa and Illinois.

Examine the beans on the surface, says Hukill. In cold weather, moisture given off by the warm beans in the center of the bin collects in the beans just under the surface. If wet or damp beans are found, move them or keep them stirred with a shovel.

Spoilage will not destroy the value of the beans for market purposes, but such beans will not be good for seed. If the situation is bad enough, the loss in germination may be 100 per cent.

Bang's Differs in Hogs And Cattle

There are two important differences between contagious abortion (also called Bang's disease or brucellosis) in hogs and in cattle, according to Dr. L. M. Hutchins, of Purdue University.

"Unlike the bull," Hutchins explained, "the boar is an important carrier of brucellosis. Thus, the entire sow herd may become infected by the use of one infected boar."

Also unlike the disease in cattle, abortion is not nearly so prevalent in hogs that become infected. The sow may have the disease and still not abort.

While the disease acts differently in some respects as between hogs and cattle, people can get undulant fever from either hogs or cattle.

Make Feed From Coal, Air and Water

Livestock feed made from air, coal and water may come into use. The product is "urea," a white powder with a rather bitter taste.

Urea is five times richer in nitrogen than is tankage, and has 30 times more nitrogen than corn, says T. S. Hamilton, of the Illinois College of Agriculture. Its composition indicates it might replace a portion of the protein in livestock rations.

The protein in urea, however, can only be used by ruminating animals—cattle and sheep. It can not be used by hogs, poultry or horses.

The reason only cud-chewing animals can use urea as a protein feed is that such animals have the power to take lower-grade proteins and change them in the rumen. Hogs, poultry and horses don't carry their own laboratory, so must have better proteins, including some of animal origin.

Hamilton says livestock men may find urea of special value when used in silage. It will increase the nutritive value of low-protein silage. Experiments also indicate urea helps keep the bright green color in the silage.

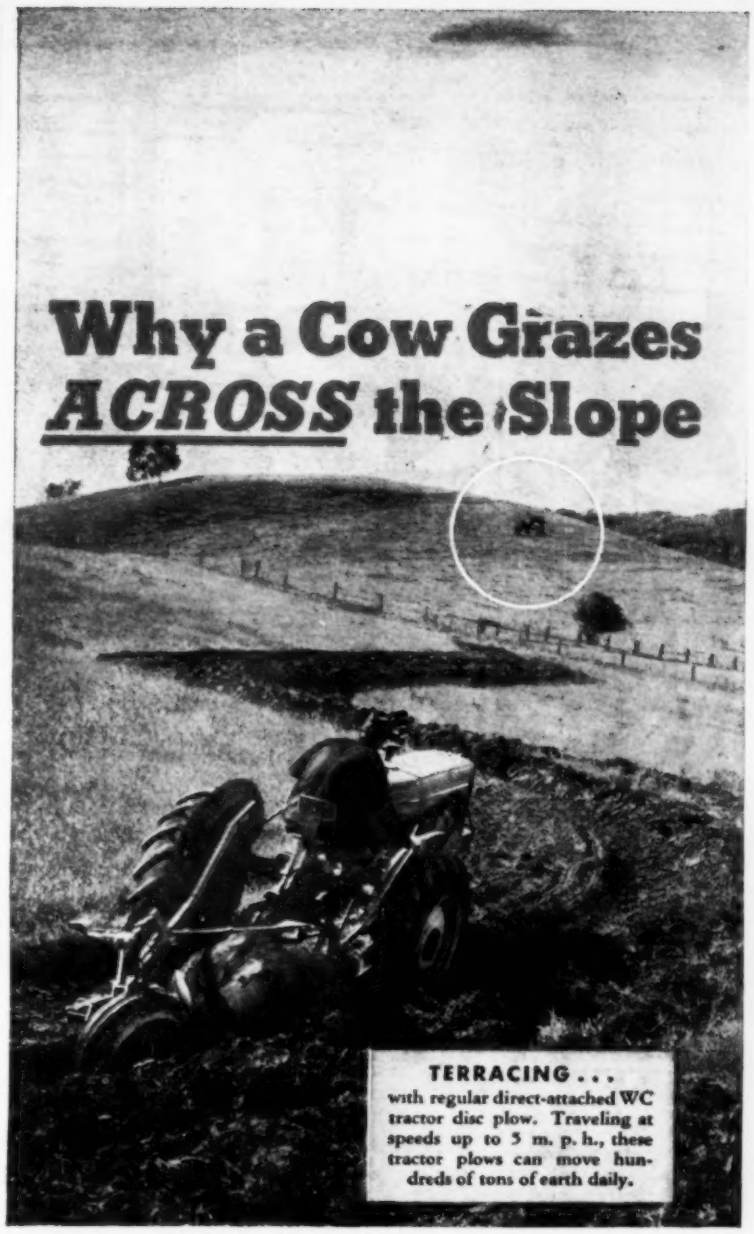
Urea should not exceed 2 per cent of the total ration for cattle or sheep, or more than 4 per cent of the grain ration, Hamilton warns. It is commonly fed by dissolving it in molasses and then sprinkling the mixture on the feed.

Two Gallons of Milk Or No Grain

Grain feeding should be reserved for cows producing more than two gallons of milk per day, says Arthur R. Porter, extension dairyman at Iowa State College. This is on condition, however, that the cows get all the high-quality roughage they will eat.

For the grain mixture, six parts of corn can be combined with three parts of oats, wheat or wheat bran and one part of protein supplement. Porter advises grinding the grain at least enough to break the kernels.

Why a Cow Grazes *ACROSS* the Slope



WATCH a cow grazing on a hillside. Usually she follows the line of least resistance, back and forth *across* the slope. Cow sense tells her it takes less effort than to graze up and down hill.

Modern farmers today are discovering the same basic principle in contour farming and terracing. Reports coming in from over 50,000 Soil Conservation Service demonstration farms all over the nation indicate two immediate benefits of the contour system:

1. **Tractors operated on the level consume as much as 10 per cent less fuel, with correspondingly less wear and tear on machinery.**
2. **Yields are frequently as much as 10 per cent greater, due to holding rainfall, fertilizer and topsoil on the slope.**

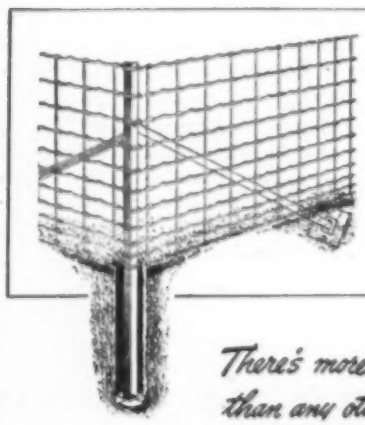
Allis-Chalmers has been interested in developing efficient methods of terracing and contouring with regular *home-owned* tractor equipment.

With the guidance of county agents and soil conservation officials, particularly in locating contour and terrace lines, the methods and equipment pictured here make soil conservation measures practical for every family farm.

FREE ON WRITTEN REQUEST—In the interest of soil conservation, Allis-Chalmers has published the book "You Have What It Takes to Contour and Terrace", giving detailed instructions. Mail a postcard for your free copy today.

THE "tough guys" among farm animals soon learn that American Fence is built to take shocks and stand up for more. American's famous hinge joint, that "gives" with pressure, is one reason. Strong, well-made steel is another.

American Fence is made for permanent installation. It's on the job, 24 hours a day, year in and year out. On many farms it has been in service for more than 40 years. See your dealer—he can probably supply you.



End posts set solid in 20 minutes with National Expanding Anchor, dirt set end and corner posts. No concrete needed. Drop post in 8" auger hole, give it a turn. Anchor expands into solid soil giving unusual holding power. An exclusive feature of American Fence.

There's more AMERICAN FENCE in use than any other brand. It must be good!

USS AMERICAN FENCE UNITED STATES STEEL

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UNITED STATES STEEL

Safe A wire overhead and a rope connected to a ring in the bull's nose, keep the animal from charging as he comes out of the barn at the North Iowa Breeders Cooperative (an artificial insemination association operating in Wright and Hancock counties, in Iowa).

Ask For Farm Gas Now

APPLICATIONS for non-highway gasoline and tractor fuel for the 1945 crop season will be made direct to the OPA offices in the various counties. Last year's method of making out the applications thru township AAA committeemen has been discontinued.

Application blanks can be secured thru the community OPA distribution offices, which are located in almost every town. Two application forms are available. The R-537 form is for gasoline or tractor fuels that require gasoline coupons. The R-1102 form should be used for kerosene or distillate.

All questions on the application form referring to farm use must be answered, and the farmer must show his present inventory of non-highway gasoline or tractor fuel oil, as well as the total gallonage value of all "E" and "R" gas ration coupons and fuel oil coupons for tractor use that are unused.

Applicants are requested to disregard all reference on the application form to three and six-month periods, and show instead the amount needed for the full crop year, March, 1945, to March, 1946.

When the farmer's application has been received and approved, the first 70 per cent of the year's rations will be issued and mailed to him. When the first 70 per cent has been used, the farmer is asked to send his request to the OPA office by mail, asking for the balance of the items to be rationed.

If the farmer has changed his crop acreage since last year, OPA will approve six gallons of fuel per crop acre as a basis for immediate issue of the first 70 per cent of the farmer's fuel ration. Crop acres include hay land, but not rotation or permanent pasture acres.

OPA officials say that a farmer's full ration will be finally adjusted on the basis of the intention sheet filed with the AAA office. The AAA organization will also be used by the OPA to make recommendations for the final adjustment of the farmer's ration.

However, there will be no delay in issuing the first 70 per cent of the ration, according to OPA officials. Any adjustments will be made on the 30 per cent not issued. Farmers are asked to make their applications at once.

SMOOTH FLO
HAND ROTARY PUMP

"To Fill Your Tank— Just Turn The Crank"

Now you can own your own filling station. Smooth-Flo Pump refuels motorized equipment quickly—eliminates bucketing waste—reduces fire hazard. Saves time, work and worry. A child can operate. See your dealer, or write factory.

$13.30 F.O.B. Factory — Slightly Higher West of Rockies

Watch Tokheim

Tokheim's facilities are now devoted to war. But when the war is ended it will have other new farm products. All will be time and work-saving. Watch Tokheim. General Products Division, Tokheim Oil Tank and Pump Co., Fort Wayne 1, Indiana.

WAR & NAVY — QUALITY TOKHEIM FARM EQUIPMENT

MINERAL VALUE Plus

One mineral for ALL livestock—at *one* low price. Guaranteed quality at real economy. Ask your dealer.

Corn King MINERAL

Barlow, Wright & Shores, Inc., Cedar Rapids, Ia.

AMAZING *NEW* TEAT CUP!

SIMPLE 2-PIECE UNIT MILKS FASTER—CLEANS IN A JIFFY

Nothing like it. Milks up to 25% faster, cleaner, with less strippings. Cleans in a minute and is ready to use again. Sticks on better to any size, shape teat. Our Style B cup made especially for De Laval machines. Our Style A cups are unexcelled for McCormick-Deering, Sears, Empire, Universal and similar machines. Just two parts to clean, the one-piece lifetime shell and the one-piece rubber inflation. No threads, no rings, no gadgets, no assembling tools needed. Let us prove at our risk that the Maes teat cup is the finest you ever used—send at once for details of our money back trial and trade-in offer. Write today, stating name of milker.

GUARANTEE: You may return cups within 30 days and get all your money back.

R. E. MAES, 1210 W. Mich. Ave., Marshall, Mich.

WANTED Send us your feathers and get them higher prices! Goose—white, $1.37½ lbs.; grey, $1.30. Duck—white, $1.10; grey, $1.05. White turkey body, 50c lb. Check mailed same day shipment arrives. No deductions for commission or handling. Bits of small shipments accepted. Body feathers must contain original down. We also buy goose-duck wing and tail feathers, and used feathers from featherbeds, pillows, etc. Send sample of used feathers for special quotations. Ship today! Your neighbor is our reference.

Progress Feather Co. 657 W. Lake St. Chicago 6, Ill.

BUY BONDS AND STAMPS

Leaves from the hay are not wasted when the hay feeder is built over the grain-feeding box.

What Belongs To a Farm?

AS MARCH 1 rolls around and farm tenants begin to move from one place to another, or farm owners sell their farms to new owners, one of the questions which frequently arises is that of what the departing occupant of the farm has a right to take with him as personal property.

Questions that come up fall into three different classes, and, altho court decisions have by no means been uniform when disputes of this nature have been brought before them, the general rules might be listed about as follows:

First, there is the tenant who has been renting a farm and who may have added some improvements to it for which the landlord refuses to compensate him.

The general rule here is that a tenant has the right to take with him anything in the nature of an improvement which can be removed without injury to the farm. The improvement should be removed before the tenant gives up possession, leaving the premises as they were before the improvement was added.

The second question is that of the farm owner who has sold his farm without a detailed agreement as to what equipment is included with the place.

The rule here is that, in the absence of any agreement to the contrary, the seller is bound to leave on the farm anything which has been built upon or installed upon it, in such a manner as to indicate that he intended the improvement to become a permanent part of the farm.

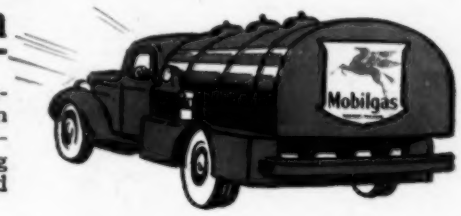
Third is the type of sale where the buyer has purchased a farm which has been occupied by a tenant. The original owner has not lived upon the farm, and three parties are involved—the buyer, the seller and the tenant.

As between the tenant and the purchaser of leased premises in this case, the rule of innocent purchaser applies, and any fixtures placed upon the property by the tenant prior to the sale will pass to the purchaser unless there is something apparent in the nature of the construction that would charge the purchaser with notice that the fixture was temporary and not of a permanent character, or that the purchaser has actual knowledge of the tenant's rights.

To avoid trouble, it is important to have a definite understanding in writing regarding the right of removal whenever a tenant builds or installs upon a farm anything in the nature of an improvement, or, in the case of the sale of a farm, a complete list of the temporary construction or equipment included in the sale.

PUT THIS MAN TO WORK FOR YOU!

He's Your Mobilgas Man



Behind your Mobilgas-Mobiloil Man and the high-quality products he sells are 79 years of lubrication research and experience. Let him help you now—to guard against many of the time-consuming troubles that arise under the pressure of hard Spring work.

Mobiloil

Mobiloil gives outstanding lubrication and protection to working parts under the hardest service—high speeds and heavy loads. Mobiloil cuts down drag on the battery, lets the engine turn over fast for quick starts.

Mobilgrease

Correct grades for every lubricating problem in power equipment, farm and ranch machinery where a grease-type lubricant is required—for chassis parts, wheel bearings and water pumps. Each grade has specific characteristics to meet the various lubricating requirements.

Operate Your Farm Like Industry Runs Its Plants

TODAY, POWER FARMING is "Big Business"—calls for the same careful planning and expertness in machine maintenance that every big industry demands.

That's why your **Mobilgas-Mobiloil Man's** help is so valuable. His company—Socony-Vacuum—has the greatest industrial lubrication experience in the world. He approaches your problem in the industrial way—with scientific lubrication techniques and specialized products that meet the exact requirements of every machine on your farm. Get in touch with your Mobilgas man today.

SOCONY-VACUUM OIL CO., INC.
Insurance Exchange Bldg.
Des Moines, Iowa

Mobiloil Gear Oil

Mobil Gear Oils are premium quality lubricants designed particularly for use in transmission and axle gears of tractors, trucks and passenger cars. They are made in correct grades for summer or winter—for regular or extreme pressure gear sets.

Sanilac Cattle Spray

A high grade, double-strong and double-safe insecticide that both kills and repels insects. Protects cattle from the irritating attacks of stable, horn and heel flies. Economical and effective . . . has high killing power, fast knockdown — does not deteriorate in storage.

The Sign of Friendly Service

Mobilgas

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CROW'S 607 Single Cross—farmers' FIRST CHOICE wherever planted. Now being ordered for 1946. It is distinctly to your advantage to place your order for this seed corn NOW. You will save costs—you will get better money-making corn.

There is no other hybrid like CROW'S 607 Single Cross—the result of years of research—an achievement in corn breeding. Farmers who plant this corn insist upon having it year after year. It makes *more money* for them. They like the way this beautiful hybrid shows up in the corn field—ripe ears on green stalks.

Dr. W. J. Mumm, Director of Research and Plant Breeding for all CROW'S Hybrids. CROW'S 607 Single Cross is the result of long experience and a definite breeding program in CROW'S testing fields, under the direction of Dr. Mumm.

Because of the outstanding success and the demand for CROW'S 607, we have become the world's largest producers of Single Cross Seed Corn. We produce a number of other hybrids—single and double crosses, each bred to fit a particular need, such as maturity or soil fertility.

Send for CROW'S FREE Catalog describing these hybrids, and take advantage of our EARLY ORDER OFFER which will save money for you.

On WHO—CROW'S Radio Program—each Saturday evening at 6 p. m.

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Send CROW'S FREE Catalog and Full Details of Early Order Offer for 1946

Name.....

Address.....

I Plan to Plant.....Acres in 1946.

☐ Check here if you would like to sell CROW'S Hybrids.

Butchering This Davis county, Iowa, hog is getting ready for a lodging in a farm family's locker.

Custom Rates To Go Up?

CUSTOM rates for farm machinery use will be slightly higher in 1945, according to Illinois farmers. This information was obtained by R. H. Wilcox, of the Illinois College of Agriculture, thru a survey of farmers in each county of the state.

Rates below are reported by central Illinois farmers for 1944 farm work. The area includes 34 counties in the livestock and grain and cash grain sections of the state. The machine owner provides the fuel for the tractor and the man to operate the machine at these charges.

Combine harvesting of wheat, oats and barley averaged $3.07 per acre, according to reports from farmers in these 34 counties. Soybeans averaged $3.61 per acre; red clover, $3.30 per acre, and sweet clover, $3.53 per acre.

Per-bushel charges for combining red clover were reported to average $2.82. For combining sweet clover, the per-bushel charge averaged $3.37. The share of red clover seed paid for combining was reported to be one-half of the seed by 83 per cent of the farmers reporting. Some reported a charge of one-third of the seed.

Threshing charges were reported by central Illinois farmers as averaging 6 cents for wheat, 3 cents for oats, 4.66 cents for barley and $2.42 per bushel for clover seed.

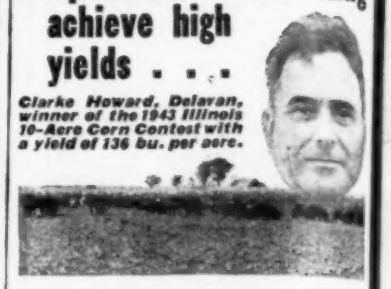
Corn picking, where the man with the machine put the corn in the crib, was reported as averaging $4.47 per acre. Charge for putting the corn on the wagons was $3.60 per acre.

Corn picking by the bushel was reported as averaging 9 cents where the corn was put in the crib. Where the machine owner put the corn on the wagons, and the farmer cribbed it, the average charge per bushel was 7 cents.

Pick-up balers in these 34 central Illinois counties charged an average of $3.82 per ton for hay. Stationary balers charged $3.05 per ton for baling hay. Straw balers charged $4 per ton from the windrow and $3.33 per ton at the stack, with a stationary machine.

Spring plowing charges were reported at an average of $2.04 per acre. Fall plowing was a little higher, at $2.17 per acre. Tandem disking was done for an average of 78 cents per acre, and cultivating corn averaged 70 cents per acre.

GOOD FENCES help Illinois Corn King achieve high yields . . .



Clarke Howard, Delavan, winner of the 1943 Illinois 10-Acre Corn Contest with a yield of 136 bu. per acre.

"Eight years ago, we fenced this 320-acre farm into even-sized fields, stocked the farm heavily, and brought legume pasture into the rotation. Last year the entire corn crop averaged 80 bushels per acre; hay, 3½ tons per acre. The year before, my 10-acre entry won the Illinois Corn Growing Contest, with no special fertilizer treatment, proving the effectiveness of our soil-building program.

"Our whole farming system depends on *good fences* so we can raise lots of livestock on rotated legume pasture. That's why I believe good fences are the most valuable investment we've made.

"We like RED BRAND—*it lasts!*"

"Most of our 5¼ miles of fence is RED BRAND. Some of it is 8 years old and still in perfect condition. RED BRAND sure lasts!"

Present Keystone fence . . . though not trade-marked "Red Brand" . . . is tops in quality.

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—RED TOP STEEL POSTS—

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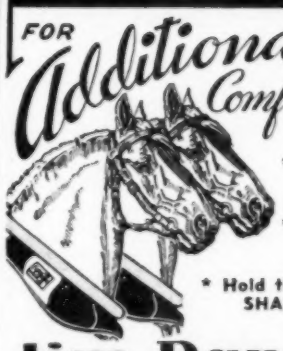

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Grain Stocks Increase

MORE corn, oats and wheat was hanging over the markets on January 1, 1945, than on the same date in 1944. Farm and terminal storage of corn was up 9 per cent, oats up 6 per cent, and wheat up 2 per cent on January 1 this year.

While storage stocks of the three grains were up over a year ago, consumption of the grains for feed, processing and export was down by an even larger per cent.

Corn consumption in the last quarter of 1944 was down 14 per cent, compared with the same months in 1943. Consumption of oats was down 13 per cent, and wheat consumption was 12 per cent less in the last quarter of 1944, compared with the same months the year before.

The storage increase of grains, and the lessened consumption of grains due to fewer livestock units, may mean a lot to the business side of farming in the period just ahead.

Livestock prices may remain in a strong position as compared with grains, if history repeats itself. Prices of livestock seem likely to continue to bump the ceilings, while grain prices may sag below the ceilings and press on the floors.

The thing that could change all that, of course, is this year's grain crops. Another big crop of grains might place livestocck in an even stronger position. Short grain crops and an increase in this year's hog crop might help the grain position and weaken the livestock position.

Corn in storage on January 1, 1945, according to the Bureau of Agricultural Economics, was 2,202,540,000 bushels, compared with 2,021,445,000 bushels on January 1, 1944. Of the 1945 storage stocks, 2,145,520,000 bushels is on farms and 57,020,000 bushels in mills, terminals and in the hands of the Commodity Credit Corporation.

Disappearance of corn for feeding, processing and export in the last quarter of 1944 was 942,000,000 bushels, compared with 1,091,000,000 bushels in the same months of 1943.

Oats in storage on January 1, 1945, totaled 800,917,000 bushels. On the same date in 1944, oats in storage totaled 752,632,000 bushels.

Disappearance of oats in the last quarter of 1944 was 212,000,000 bushels, compared with 244,000,000 bushels in the same months of 1943. This includes both feeding and processing.

Wheat in storage positions on January 1, 1945, was 834,740,000 bushels, compared with 817,974,000 bushels a year earlier. Wheat disappearance in the last quarter of 1944 was 257,000,000 bushels, compared with 293,000,000 bushels in the same quarter of 1943.

Barley and rye were the only grains on which storage stocks decreased in 1944. Barley on hand was down 2 per cent and rye stocks were down one-third, comparing January 1, 1945, with one year before.

Finds Use For Old Woven Wire

Old woven wire that has to be replaced because of little breaks that let the pigs out should not be thrown away, says Hans Hansen, of Cedar county, Iowa.

In rebuilding the fence, Hansen stretches the new wire at the bottom, then stretches the old wire above the new. One barbed wire above the two widths of woven wire completes the fence.

Cows can't get their heads thru this kind of a fence and ride it down, Hansen says. The barbed wire will prevent horses riding the fence down from the top.

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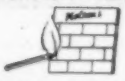

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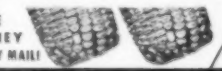

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Grapes—Fredonia, 3-year	1.50 per	3
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Apple—Ask for list, 4-5 ft.	9.00 per	10
Mugho Pine or Blue Spruce—15-inch	4.00 per	2

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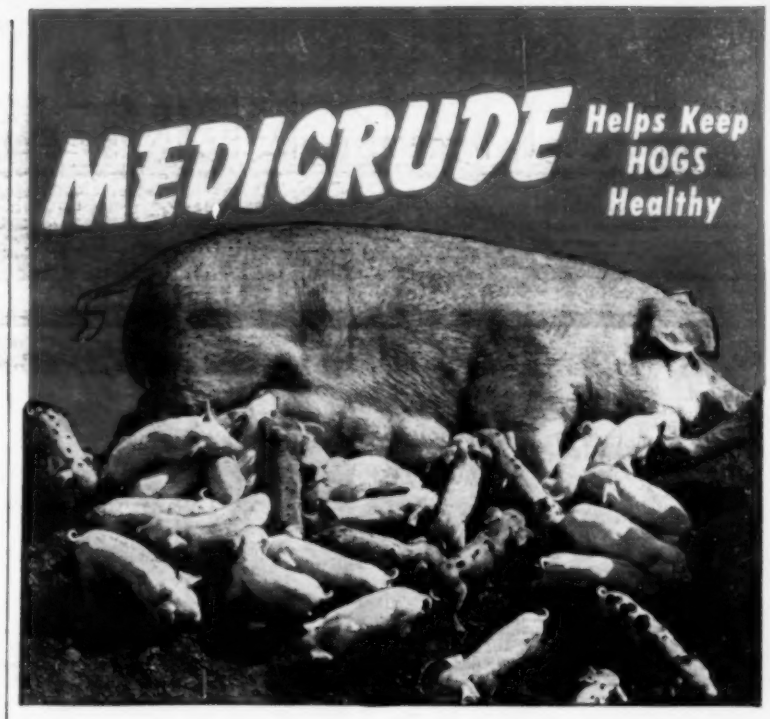
Fruit and Evergreen Specialists, Cresco, Iowa

MEDICRUDE Helps Keep HOGS Healthy



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Livestock raisers throughout the Central States have depended on Medicrude for the treatment of many types of ailments, pests and wounds common to hogs, cattle, horses, mules and poultry. Each year brings reports of new uses!

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In Treatment of:
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EASY TO APPLY . . . use homemade or commercial vats, rubbing posts, oilers or dippers. Sprinkle or spray on closely-confined herd. Spray inside Poultry House, and paint roosts, walls, etc.

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Also called "warbles" or "wolves"... causing tremendous loss to cattle industry annually. Larvae deposited by heel flies enter body, damage tissues and puncture hide along back. Medicrude (Light grade only) penetrates grub "bumps" along back and eliminates larvae.

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A whole drum will be delivered. Use one-third of it . . . down to "ONE-THIRD LINE" . . . on worst cases of Mange, Lice, Flu or Constipation. If results are not satisfactory, remainder of drum will be picked up and the entire purchase price refunded.

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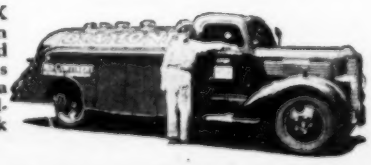
Delivery to Your Door — Your D-X Farm Salesman has full instructions on use of Medicrude, *Light* or *Dark*. Sold in 30 and 50-gallon drums. Costs less to use, as Medicrude is now sold at a price far below many remedial products. Write or phone your D-X Bulk Station agent or distributor.



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R. F. Hagensick & Sons of Monona, Iowa, write:

"This is my twentieth year feeding Dr. Fenton's Vigortone. We have fed Vigortone to all of our hogs the year around, and have always had the best of results. Being a Pure Bred Poland China Breeder for over twenty years, we cannot praise Vigortone enough. We have learned that Vigortone helps produce large, strong, healthy litters with rapid gain and maturity. We cannot speak too highly of the Vigortone products and their results."
(Original in file)

Daniel Gross of Eldridge, Iowa, writes:

"I have fed Vitamin Reinforced Vigortone for the past two years and have experienced wonderful results. I had 47 pigs that came the latter part of September and started them on Jr. Vigortone using only 50 lbs. They were then placed on a ration of home grown grains, balanced with Vigortone. I highly recommend Vigortone to any feeder who wants outstanding results from the grains and proteins he has on his own farm."
(Original in file)

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Corn Borers Increase

Borer for Every Stalk in One Iowa County

THE damage done by corn borers in the state of Iowa during the year of 1944 was greater than in 1943, but still was not ruinous on any one farm, according to Carl J. Drake, state entomologist, writing in the Farm Science Reporter.

The borers were found in 88 of the 99 counties of Iowa in 1944, and the borer population doubled in the 20 counties of the eastern section of the state, where the pest was first found in 1942.

Borer population reaches its highest count in Muscatine county, Drake reports, where the count shows an average of 126 borers for each 100 corn stalks.

Corn borers are much less plentiful in the central section of the state, and become very scarce in western Iowa areas.

The borers are found at this time of the year in the corn stalks, usually well down toward the base of the stalk. They remain in a dormant stage until warm weather appears, when they transform into the pupa stage. Moths soon appear, which lay eggs to hatch out another crop of borers.

Drake says that birds play a part in the destruction of the borers. Iowa entomologists have provided other natural enemies of corn borers by importing parasites. Four different varieties of these parasites were released in Iowa last summer to help in decreasing the pest.

The entomologists who are studying the borers also suggest that if a shredder could be attached to the corn picker — which would tear up the corn stalks—the borers would be destroyed without the expense of plowing under all the corn stalks.

Entomologists say it is possible that all conditions will be favorable to borers some year, with resulting heavy loss.

Dry Weather Thinned Ohio Corn Borers

Corn borers in Ohio corn fields were 50 per cent less in the fall of 1944 than in 1943, according to the fall survey made by state and federal investigators.

The decrease in the number of corn borers wintering over in corn stalks was attributed to the hot, dry weather which prevailed over the state in June, July and August. During this period, there was a high mortality of first-generation borers.

There are still enough borers wintering over to cause serious infestation next year if conditions are favorable to their increase, Ohio entomologists say.

FUNK'S G-HYBRIDS

*150 Bushels An Acre from ROUND KERNELS

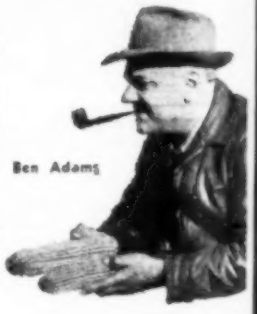
HOWARD BACON, Roseville, Ill. . . . Planted round kernel Funk's G-Hybrids. Made 1500 plus bushels on 10 acres in Underwriting of Illinois 1944 official yield contest.

ROUND KERNELS do as good a job of growing high yields of sound corn as any other grade of Funk's G-Hybrids. Howard Bacon says round kernel grades make *better* yields—and his official contest figures, in a drouth year, speak for themselves.

HOWARD BACON says: "Round kernels have more starch than flat kernels of the same general size. This extra starch gives the young plant enough extra nourishment to get a good start even in rough weather. I've always had fine stands from round kernels."

***FULL DETAILS on Your Radio**

Ben Adams tells Cousin Link Sawyer how Howard Bacon made this remarkable yield. You'll hear this discussion when you visit "BEN ADAMS' FAMILY" on your radio this weekend. Listen to WHO, Des Moines, 8:15 a. m. Sunday.



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BEN ADAMS SAYS: *"For my money, round kernels of Funk's G are top-notch . . . Just like all Funk's G-Hybrids . . ."* See your Funk Dealer and place your order now.

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Service Bureau

The Sign of Protection

Farmer Came Back Home Too Soon

The return home from a visit to town occurred too soon to meet the requirements of the thief who stole chickens one night recently from the farm operated by John O. Smeby, near Hanlontown, in Worth county, Iowa.

Smeby, accompanied by his wife and children and his hired man, was just turning to drive into the farm driveway when he noticed some one walking in the ditch alongside the driveway. The stranger dropped down in the grass when the lights of the auto were turned toward him.

Albert Torgeson

As Smeby approached the spot where the man had disappeared in the grass, he called out to inquire what his "guest" was doing there. Smeby got no answer, so he and his hired man got out of the car and found the stranger in his hiding-place. They also found two sacks filled with Smeby's chickens, which had been dropped by the roadside. The auto used by the thief was parked about 80 rods south of the farm entrance.

While Smeby guarded the thief, Mrs. Smeby went to the house and called Sheriff C. M. Sheimo, who lost no time in getting out to the Sheby home and taking charge of Albert Torgeson, the captured thief.

It appears that Torgeson just could not resist the temptation to market other folks' poultry. Only a short time previously, he had been released on parole on a charge of stealing chickens, in connection with which he had served 19 months of a five-year sentence.

Judge M. H. Kepler, in the district court at Northwood, Iowa, repeated the sentence when Torgeson entered a plea of guilty to another larceny charge, and the persistent poultry thief is now back in the Iowa state penitentiary at Fort Madison. The Service Bureau reward for the conviction was paid to Smeby.

Gas Mileage Record Must Be Kept

All operators of passenger automobiles with basic "A" rations must submit their mileage rationing record when applying for supplemental "B" or "C" gasoline rations.

In the most recent registration of the nation's 23,000,000 basis "A" ration holders, for the purpose of securing new ration books, each registrant was issued one of these mileage record forms which was to replace the old tire-rationing record.

Reports from local war price and rationing boards indicate that many motorists did not understand the purpose of the record form, and many of them have been reported lost or destroyed.

In cases where a motorist was not issued a mileage rationing record, or if it has been lost or destroyed, he should apply to his local board for a duplicate and preserve it carefully for future reference.

No supplemental, special or furlough rations for cars with basic "A" rations may be issued to an applicant who does not present his mileage rationing record when making his application.

● Last year only 500 capable, determined Harvest Brigade operators with new Massey-Harris Self-Propelled Combines, saved over a million acres of America's grain. Much of this grain might never have been cut had it not been for the tireless effort of these operators and the outstanding performance of the Self-Propelled Combine.

Yes, the Brigade scored a famous victory in 1944, but another emergency must be met in 1945. The need for grain is still great—the supply of new machines and labor still small. A new Brigade is forming and we want the finest operators in this territory to purchase the 1945 Brigade Self-Propelled Combines. If you are an experienced operator capable of harvesting 2000 acres in 1945, or a farmer whose needs justify the allotment of a Self-Propelled Combine, get in touch with your Massey-Harris dealer listed below.

Self-Propelled

. . . PROVED IN THE FAMOUS MILLION-ACRE HARVEST BRIGADE

Sweeping over the entire length and breadth of America's great grain belt, the 500 Brigade operators averaged 2039 acres per combine in 1944. Never before was so much grain harvested by so few men and machines in so little time and at such low operating cost per acre. Ask your Massey-Harris dealer to show you the operating record and see for yourself the dollars and cents advantages of Self-Propelled combine ownership.

THE MASSEY-HARRIS CO., RACINE, WISCONSIN

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***Helps wean pigs early**
***Helps build big pigs by weaning time**
***Helps cut down drain on brood sow**

HUNGRY baby pigs soon want more nourishment than the brood sow can supply—and grain alone just *can't* give them all the vital bone- and body-building materials they need. That's why it's so important to start creep-feeding them Kellogg's Pig Starter from the very first week and keep them on it until weaning time.

Kellogg's Pig Starter is a reliable, balanced, starting feed designed to supply the proteins, vitamins, minerals and other essentials young pigs need for rapid growth. By feeding your baby pigs this complete, starting ration, you can help wean them as early as 8 weeks at *good* weights, and at the same time reduce the drain on the brood sow so that she will be in better condition to breed early for fall pigs.

You can get Kellogg's Pig Starter from your nearest Kellogg dealer, who handles a full line of livestock and poultry feeds. Write us if you do not know his name.

For your baby chicks
Kellogg's
CHICK STARTER

It takes only 2 ounces of feed to start a chick—and *every* tiny mouthful is important. Make sure your chicks get a *balanced* feed built for livability and growth. Feed Kellogg's Chick Starter. It's great stuff for chicks.

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Kellogg's
POULTRY SUPPLEMENT

Help your hens swing into heavy spring production by feeding Kellogg's supplement with grain. It's a real egg-maker, built to help your grain do a better job. Put your hens on Kellogg's . . . watch results!

KELLOGG COMPANY
OMAHA, NEBRASKA
BATTLE CREEK, MICHIGAN

ONE BEST BET

Most of the present high demand for food is for consumption in our homes rather than for the use of the armed services or lend-lease. . . .

If I were given the magic power to ask for and have one condition to insure healthy agriculture, I would ask for full employment at good wages in the big and little industries and in the non-agricultural services. I would like to see non-agricultural goods and services kept as cheap and plentiful as farmers have always made our food. . . .

It is when the farmer goes on producing, while the rest of the economy falters and goes to pot, that we have real trouble in agriculture.—Chester C. Davis.

Pick Garden Spot Now

THE garden spot should be chosen early. Convenience is mighty important. How handy it would be if the garden could be very near the kitchen door! The distant garden has its disadvantages, but is sometimes necessary.

Possibly the back yard is too shady for best results. Some of the leafy vegetables do fairly well in partial shade, but most of the good things of the garden do their best where they can bask in the direct sunshine half the time or more.

Nearby trees usually rob the soil of both moisture and fertility, which the garden is badly in need of.

It may be that ashes or naturally poor clay or sandy soil make it advisable to locate the garden in a vacant lot or a community garden farther away.

Fertility is a vital factor in gardening. Much handwork is involved, and labor should not be expended on unproductive soil. Farmers are just plain lucky in their choice of selecting a fertile, well-drained, favorable place, where maximum yields may be expected.

If the soil is naturally rich and friable and reasonably free from weed seeds, a good head-start is assured. Farmers are fortunate in having supplies of natural fertilizer to apply at the proper time to insure maximum yields for expended labor.

Poultry droppings, often available to the urban gardener, should be applied less liberally than other manures. When these animal residues are not available, it will often pay well to use some of the 4-12-4, 5-10-5 or other chemical fertilizers offered by seed dealers.

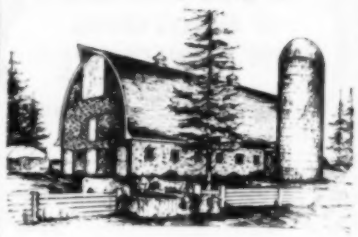
It has been found that a combination of natural and commercial fertilizers will often give surprisingly satisfactory results.

Gardening is difficult on a steep slope. Heavy rains often wash away valuable top soil. Altho rows running north and south have some advantage in the benefits of sunshine, no one should disregard any natural slope of the garden space.

Surface soil erosion certainly can be prevented by contour arrangement of rows around the slope, instead of up and down the hill. That good soil will be valuable for years to come, and very productive gardening will pay any year.

A level, fertile, well-drained, sunshiny garden spot, conveniently located, is a joy and satisfaction to the lover of the out-of-doors.—Victor Felter, Warren County, Iowa.

Now!



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Tax Cut Sets Policy In Legislature

School Aid and New Public Buildings Are Limited to Surplus in Treasury

THE Iowa individual income tax has been frozen at half-rate for the next two years, 1945 and 1946.

The senate took the lead in continuing the 50 per cent credit against the computed tax by passing a bill to keep the half rate in effect for three years more.

The house followed up by amending the senate bill to retain the half rate for this year and next. Then the senate promptly agreed to the two-year extension, and sent the bill to Gov. Robert D. Blue, who signed it.

The act will take immediate effect. Tax-payers will compute the tax as the blanks provide, and pay one-half the amount indicated. Refunds will be made to those who have already paid in full.

Freezing the income tax eliminates all possibility of the legislature's appropriating in the beginning the full 12 million dollars a year of new school funds the Code Commission recommended. But school legislation will take its normal course thru the legislative chambers and be thorly debated.

The first of the school bills to get on the senate calendar were (1) the bill to create a State Board of Public Instruction which would in turn appoint the State Superintendent of Public Instruction; (2) a bill to give teachers the right to a hearing before refusal to renew contracts, and (3) a bill to raise teachers' minimum pay from $65 to $80 per month.

The legislature now has received an up-to-date statement of the surplus funds that have accumulated which it might reallocate for other purposes.

This statement was made available in the financial statement for the state, made as of December 31, 1944, by J. M. Grimes, state treasurer, and C. Fred Porter, state comptroller.

It shows that there is a surplus of more than 26 million dollars on hand in the three-point tax fund and the use tax fund. The year-end balance in the three-point tax fund was $19,270,841, and in the use tax fund the balance was $7,140,819.

The three-point tax fund is derived from the sales and income tax revenue and the use tax fund comes from the use tax, principally on sales of new automobiles.

The 19 million dollars in the three-point tax fund remains after making current payments on homestead tax credits and old-age assistance. The seven million in the use tax fund is an accumulation of nearly all use tax collections from the beginning of the tax.

The comptroller pointed out, in submitting an explanation of the surpluses to the legislature, that it is advisable to carry a 10-million-dollar balance in the three-point tax fund to be sure of making the future payments on homestead tax credits, amounting to $14,200,000 a year, and old-age assistance payments, amounting to $8,500,000 a year.

Reduction of the balances is the only way appropriations for schools and new buildings can be made without incurring new taxes.

The first resolution to memorialize congress appeared in the house. It asks congress not to submit a so-called "millionaire's constitutional amendment to prohibit levying of a tax greater than 25 per cent on incomes, inheritances or gifts.

The house passed a memorial resolution in favor of the 25 per cent limitation four years ago, but the senate did not act on it.

Among the agricultural bills finding their way into the hoppers are two to change the farm-lease termination law, under which a notice of termination must be given by November 1. One bill, by Senator A. J. Shaw, of Pocahontas, would limit the notification provision to tenants at will.

If Shaw's bill became law, no November 1 notice of termination of lease would be required where a written or verbal lease was in force with a fixed termination date.

Another, by Senator R. B. Hawkins, of Decatur, would repeal entirely the November 1 notice law. It would restore the law to the previous form, under which a lease would expire on the date stated, or agreed upon, without any notice.

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Cities Service RUST REMOVER

Odorless, non-inflammable. Applied easily. Removes rust from practically all metals.

Cities Service ANTI-CORRODE

Prevents corrosion of all common metals. Just dip, brush or spray. Won't crack. Easy to remove.

MACHINERY	*Before* outdoor work gets under way – protect all vital indoor machinery. May add years to its life. Check all exposed surfaces. Remove rust. Use Rust Remover—and stiff brush.	*Now* is the time—before busy Spring and Summer – to preserve precious machines. After removing rust, coat all exposed parts with Anti-Corrode. Prevent breakdowns later.
TOOLS & IMPLEMENTS	Check all unpainted, exposed parts, especially blades, for rust spots. Remove with Cities Service Rust Remover and stiff brush before they spread.	*After* removing rust spots and *before* exposing to weather, spread Cities Service Anti-Corrode over all unpainted exterior parts – particularly blades.
HOME	Don't let rust ruin screens, hinges or other exposed home hardware. Remove at first sign with Cities Service Rust Remover. Use stiff brush.	To get years longer service from screens and other unpainted outdoor hardware: Brush or spray them each Spring and Fall with Cities Service Anti-Corrode.
VEHICLES	Prepare valuable machinery now for outdoor season's work. Rust spreads. Remove all rust with Cities Service Rust Remover. A minute now may save an hour shutdown time at season's peak.	Protect now for next Summer's rush. After removing rust, apply coat of Cities Service Anti-Corrode. Will last through harvest, may add years to useful life of machine.

These *RUST BUSTERS* work like magic—in a thousand places. Try them. Ask your neighborly Cities Service Dealer about famous Cities Service gasolene and motor oil, too.

CITIES SERVICE

Cities Service

The NEIGHBORLY Dealer in Your Community

HIGH COMPRESSION

a great engine feature offered by the tractor industry

Just what improvements will be found in tractors built in the future, nobody can say. But on one point the majority of progressive tractor engineers agree—the swing that has been going on for nine years will continue—*more and more tractors will have high compression engines.*

Because high compression engines squeeze more power from each gallon of gasoline—with the same size tractor you can do more work in a day, use a higher gear, pull more equipment—all with maximum economy. Also, because high compression tractors operate on gasoline, they give you all the conveniences and advantages gasoline offers—easier starting, quicker warm-up and better idling.

To be *sure* that the tractor you buy is modern, get a tractor with high compression. Ask your dealer to tell you about his high compression models.

NEXT BEST THING TO A NEW HIGH COMPRESSION TRACTOR . . . A POWER BOOSTER OVERHAUL FOR YOUR OLD ONE

If you aren't in the market for a new tractor now—remember, a Power Booster Overhaul plus good gasoline will step up the power of a low compression tractor. However, due to the great demand, there is a shortage of high compression parts for certain models. See your dealer as long in advance as possible before you have your tractor overhauled so he can order necessary parts to give your tractor the added power of high compression.

ETHYL CORPORATION
Agricultural Division
Chrysler Building, New York 17, N. Y.

Manufacturers of antiknock fluids used by oil companies to improve gasoline

Workday Pointers

Helpful Suggestions for Farmers

SOYBEANS IN THE BIN should be examined for spoilage as warm weather comes on.

▲ ▲ ▲

CORN COBS are recommended by some farmers to make solid spots of mudholes around feed bunks.

▲ ▲ ▲

CORN WITHOUT A ROOF should be moved before March begins. Outside corn is unusually wet this year.

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COOL LARD quickly after rendering, to make a fine-grained product, advises the North Dakota Agricultural College.

▲ ▲ ▲

NEW-BORN PIGS handled with bare hands may give the one doing it undulant fever, says Dr. L. M. Hutchins, of Purdue University.

▲ ▲ ▲

FARM MACHINES should all be carefully checked over and repaired before February ends. This might be the year for an early spring.

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SILOS REFILLED with dry corn fodder should have water added in an amount equal in weight to the fodder, say Iowa State College dairymen.

BROKEN WINDOW PANES in the hog houses don't bother the old hogs, but they are bad for little pigs. Now is a very good time to replace them.

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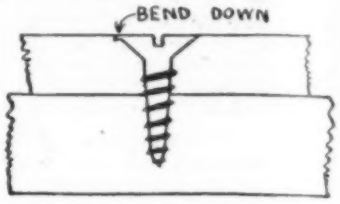
LOOSE WOOD SCREWS can be prevented by bending the edge of the screw down into the wood with a cold chisel. The bent-down portion should



be where it will have to turn against the grain of the wood to get loose. The bending, of course, should be done after the screw is inserted tightly in position.

▲ ▲ ▲

CATTLE in muddy yards should have a clean place to lie when the muddy days of spring come along. Straw piled in the yard will keep the cattle cleaner and make a lot of good fertilizer.

Tired of Fence that Folds up?

This special construction makes Continental fence semi-flexible.

The PIONEER knot is locked in place. It will not unwrap.

GET CONTINENTAL FENCE WITH THE

PIONEER KNOT

No other knot is made like the PIONEER. No other fence has the exclusive construction that gives Continental fence extra strength to absorb shock and keep standing straight. This fence is semi-flexible to better withstand crowding of livestock without hinging, folding or buckling of the stay wires. Continental is quality fence through and through. Copper-steel wire and a uniform zinc coating guard its open hearth steel wire from rust. If you need fence, see your Continental dealer.

FREE FARM RECORD BOOK

Handy, pocket-size record book provides simple system for keeping income and expenses for income tax, and other essential farm records. Send now. See address below.

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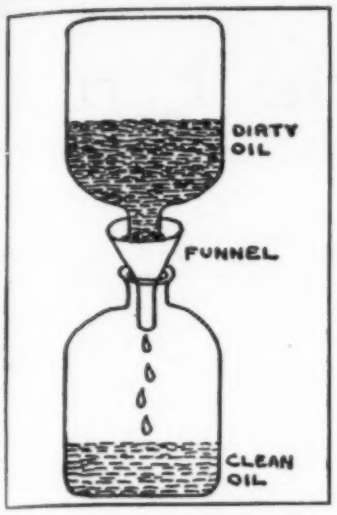

TWO JUGS AND A FUNNEL will make an oil filter. Place some ordinary waste in the funnel and invert the bottle with the used oil, as shown in the illustration. The filtering material can be changed and the process repeated if necessary. A frame could be constructed to hold the bottles or jugs and make the process entirely automatic. This operation improves the oil, but does not, of course, make it as good as new oil.

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ARGENTINE ALFALFA seed winterkilled 89 per cent in 1925 tests at Iowa State College, according to H. D Hughes, of the agronomy staff.

▲ ▲ ▲

REFLECTORS save electricity in poultry house lighting, says W. R. Whitfield, Iowa State College poultry specialist. Sixty-watt bulbs six feet from the floor, with 16-inch-wide angled reflectors are as good as 120-watt bulbs without reflectors.

FARROWING HOUSES that are not being used as shelter for hogs should be cleaned some time before the pigs begin to come. The scrubbing with lye-water should be done just before farrowing time.

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ONE LABOR-SAVER is to keep livestock off the fields when the ground is thawing out in the spring. Trampled fields that are to be put in corn or oats will require an extra disking or harrowing, and still there will be clods.

▲ ▲ ▲

WHEN THE UDDER of a first or second-calf heifer becomes inflamed or swollen, some dairymen follow with success the practice of milking the heifer from three to ten days before freshening, says Don Murray, North Dakota extension dairyman.

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WARM AIR dries corn or hay out more rapidly, according to the Farm Science Reporter, because air at 160 degrees can carry eight times as much moisture as the same air at 80 degrees, and 15 times as much as air at 60 degrees.

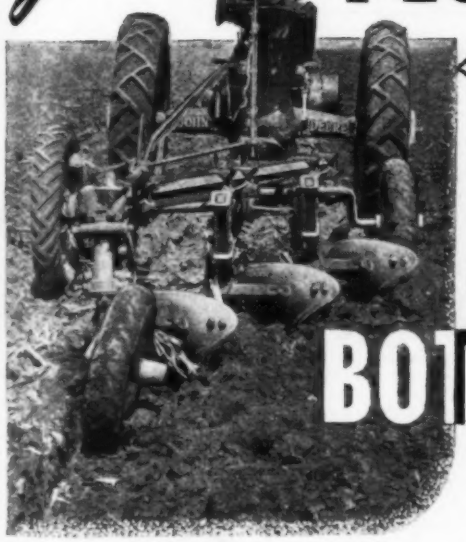
▲ ▲ ▲

LAND NEEDS COVER for protection, the same as people, says R. O. Cole, conservationist at Purdue University. Some land needs a constant cover of grass or trees. Other land can be cropped a part of the time, but needs winter cover crops. Crop litter may be an important cover for some land.

▲ ▲ ▲

IMPORTED LEGUME SEED is colored by government order. If 1 per cent of the seed is colored violet, it's from Canada. Seed from all other countries is colored 1 per cent green. Seed declared by the United States Department of Agriculture as being unadapted for use in this country is colored 10 per cent red.

Good PLOWING depends on good BOTTOMS



BOTTOMS are the "business end" of the plowing outfit; no other feature of the plow you buy will have so great a part in determining the satisfaction, service, and dependability you will get from your investment.

John Deere Bottoms, in more than a century of meeting farmers' requirements the world over, have established their leadership in all the features that mean satisfaction and dependability.

Those better plow bottoms, available only on John Deere Plows, are in themselves sufficient reasons why your new plow should be a John Deere, but John Deere goes "all the way" to give you other plow features matched to the quality of John Deere Bottoms.

See your John Deere dealer; learn all about John Deere Plow Bottoms—then choose the John Deere Plow built to meet your requirements and your power.

JOHN DEERE, *Moline, Illinois*

HOW TO SAVE MORE SPRING PIGS THROUGH *Proper* FEEDING

The Brood Sow

BEFORE her pigs are farrowed, the sow is actually BUILDING the unborn pigs inside her body. Unless she receives the proper proteins, vitamins and minerals to build the pigs, she will drain her own system of these elements to the point where she herself breaks down. Result—a poor sow; a poor litter.

Pig-Sow Rations

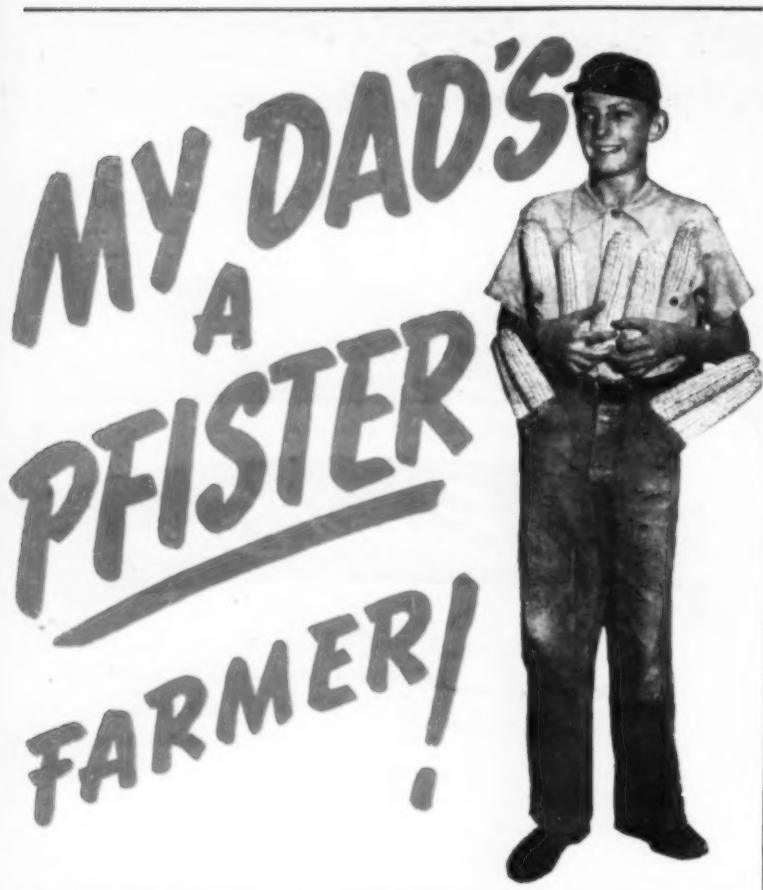
After the pigs are farrowed, feed the sow for HEAVY MILK FLOW. Plenty of mother's milk will get pigs off to a strong start, and keep them gaining. A sow which carries a good sized litter through the suckling period has to secrete IN HER MILK as much protein, and half as much minerals as there are in her entire body. Give her a balanced ration and plenty of clean, fresh water, and she will get her pigs off to a fast start.

Feeding the Pigs

After farrowing, self-feed a Balanced-Vitamin-Fortified Pig Meal in Creeps. Four to six lbs. of Pig Meal fed during the suckling period means thriftier, heavier pigs at weaning time. PROPER FEEDING means a shorter feeding period and lower feed cost. Less than 2c a day for a BALANCED RATION during the first 75 days makes more difference in final profits than any amount of feed given your pigs later. After weaning, keep pigs on Self-Feeders of Pig Meal and home-grown grains and Self-Waterers, and HOLD THAT "BABY-PIG-FAT."

Remember that it's just as important to give the baby pig the same start that you give the baby chick—by feeding a balanced starting ration.

FEED INSTITUTE OF IOWA 930 LIBERTY BLDG. DES MOINES, 9



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Voice of the Farm

Takes "Lazy Farmer" Quite Seriously

To the Editor: I read in Wallaces' Farmer and Iowa Homestead of January 20 an article on the "Lazy Farmer."

Now, who works harder than the average farmer? He gets up at 4 a. m. and hops right to it until 8 p. m.

In 1943, we had in 95 acres of corn, 80 acres of oats, 40 acres of red clover, 15 acres of alfalfa, besides running a threshing machine and ensilage cutter. This was all done with one man and a 17-year-old boy. The only help we had was six days' work thru threshing. We also milked 14 cows and fed 200 head of hogs.

Now, brother kicker, was that laziness on the part of the farmer?—G. W., Warren County, Iowa.

We lose the argument, and so does the "Lazy Farmer" when he offers his philosophy to his hard-working neighbors. But they probably get a laugh out of it.—Editor.

Do Something About This War Time

To the Editor: I think it is time something is done about this crazy War Time. If for no other reason than for these innocent children that must leave home while it is still dark and stand out in the cold to catch a bus so they can get to school on time.

I can't see any saving of electricity when we must turn on lights early in the evening, and the same in the morning. If it must continue, why not do away with it in the winter, at least. Farmers have always been hampered by this War Time. And yet they are called upon to produce to the limit while they uncomplainingly put in from 14 to 16 hours thru the summer. Give them this little sacrifice, and turn the clocks back to the old familiar sun time, never to be tampered with again.—E. L., Crawford County, Iowa.

It probably would be difficult to get congress to change the law just now. Could the school hours be changed?—Editor.

No Fun Having Hired Men Around

To the Editor: My blood boils when I read a write-up like, "The Hired Man Is Human." At our place, it is just the reverse. The hired man will go on holidays no matter what we have to do. And my husband takes him to town on a lot of rainy days, too.

When my husband tells the hired man he can work in his garden on a weekday, you see him get in his car and start off somewhere. Such a write-up!

The boss gets tired, too, choring every day and Sundays. It's no fun to have a hired man on the farm, I tell you. There are two sides to everything.—M. A., Hamilton County, Iowa.

Yes, everybody gets tired during the long days on the farm.—Editor.

It PAYS to be "fussy" about FENCE POSTS!

More and more farms are being fenced with Gold Crown Steel Fence Posts because more and more fence buyers find it pays to be "fussy," and insist on getting "Gold Crowns,"—the only Posts with Shrunk-on Anchor Plates backed by our "100 to 1 Guarantee."

That means . . . 100 Posts Free if a single Shrunk-on Anchor Plate comes off in shipping, hauling, driving or pulling.

Every Post rolled from high carbon railroad rails . . . the same steel that is made to carry heavy, loaded freight trains and fast streamliners. No wonder Gold Crown Steel Posts are tough, strong and durable . . . the very backbone of economical, long-life fencing.

Now finished with only one coating of paint to comply with Government regulations.

See Your GOLD CROWN Dealer First!

Remember . . . if necessary, "Gold Crowns" are well worth waiting for.

CALUMET STEEL DIVISION
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310 South Michigan Avenue • Chicago 4, Illinois

Only the BEST POSTS will give you the "BEST FENCE!"

CHAMPION of High-Speed Harrows

THE *New* postwar KEWANEE Handy Folding Harrow is here *today!* It is the greatest harrow ever built for *tractor speeds.* Extra heavy and strong for high speeds and hard usage. This *new* KEWANEE is indeed a challenge to the future. It completely obsoletes all present designed horse-drawn harrows for tractor use.

KEWANEE Harrows have made it possible to prepare better seedbeds, to cut farming costs and produce bigger crops. No other tillage tool is so profitable in time-saving, work-saving and crop-producing results.

Welded Teeth that stand the gaff. Streamlined and self clearing. No clamps, bolts or extended teeth to gather trash. No delays or impaired work. Pays for itself first year.

More teeth per section, diamond-shaped and dagger-pointed. Cuts every 1½ inches. *Finer pulverizing, better seedbeds—bigger crops!* Patented short center tractor hitch.

Amazing Folding Feature! The two outer sections fold to go thru farm gates. Easy to transport. Easy to store. Farmers pronounce it the greatest improvement in all harrow history!

See your KEWANEE Dealer *today.* You will want a Handy when Victory is won. Write for Free Folder. Kewanee Machinery & Conveyor Co., Kewanee, Illinois.

Kewanee All-Purpose Elevator

Engineered to handle big loads with the speed that's needed in these fast moving days of high-speed tractors, 2-row pickers and combines.

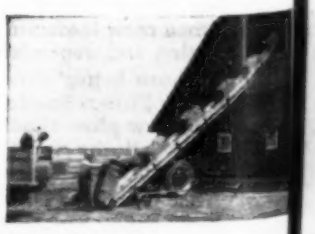
Extra Capacity, Extra Strength, Extra Value. Priced no higher than other leading makes of farm elevators.

Handles baled hay, chopped feeds, soy beans and other farm products.

Portable and Bucket models. For any kind of power. All galvanized steel construction. Many exclusive features insure years of trouble-free service.

Plan now for 1945 and post-war years. Store your crops the fast, easy, modern way.

Investigate the KEWANEE *today.*



BUY AND HOLD MORE WAR BONDS

Kewanee HANDY HARROWS FARM ELEVATORS

Beginner Lloyd Dowd, 18-year-old farmer of Guthrie county, Iowa, looks over his first bunch of brood sows.

Says Some Farms Are Not Too High

To the Editor: In your issue of January 20, you advised farmers not to buy farms at the present time, since land is presumed to be too high, and it is expected that there will be a big recession in the prices of farm land and farm products after the war.

Many poor and medium grade farms are still available at pre-war values, ranging in price from $10 to $75 per acre, mostly all of them improved, and can be purchased on a long-time payment plan, with payments similar to rent.

The owners of these farms are absentee landlords or those who, for other reasons, can not live on the places, and have learned by experience that they do not pay dividends and provide "support for two families," even with the good prices for grain, produce and livestock that have prevailed.

After the war, the government will have to choose between taking drastic measures to hold farm product prices and wages, with full employment, on high levels, or repudiation of the bonds which you are advising the farmers to buy. It will be essential to have a big national income, so the people can meet the heavy taxes necessary to pay the huge national debt.

I think most prospective farm purchasers, who want farms to live on rather than buying them as a speculation, would prefer to take a chance on owning a chunk of land.—L. J. O., Wapello County, Iowa.

"Farm products will never get cheap again" was the refrain during the World War I land boom. Folks pointed to the war debt as a reason then. Full employment with a big national income doesn't necessarily mean a high price level.—Editor.

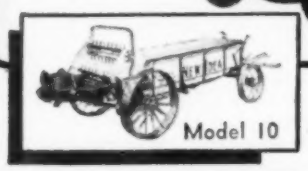
Repeal Refund Only For Mud Roads

To the Editor: It might be all right to use the farmers' gas tax (for field use) to build roads for the farmers now on mud roads, but I can't see any sense in spending money to survey No. 30 west of Cedar Rapids, Iowa, especially when they have to draft food producers because of a man-power shortage.

They tell me the Highway Commission is planning to build a four-lane highway from Cedar Rapids west. I'm very much afraid that's where the tax money will go.—M. K., Benton County, Iowa.

If the refund of gas taxes on farm-used gasoline is repealed, farmers should see that local roads get a good, big cut out of the road fund.—Editor.

THE ANSWER TO A PERPETUAL FARM PROBLEM



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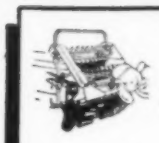
Every farmer perpetually faces the problem of maintaining soil fertility. Science has discovered nothing for this purpose that excells properly handled manure in low cost and effectiveness. Where manure is available, a NEW IDEA Spreader is sure to be a sound investment. No farm machines possess a better reputation than NEW IDEA. No other spreaders last longer, shred more thoroughly, pulverize more finely or distribute more evenly. None retain their efficiency for more years.



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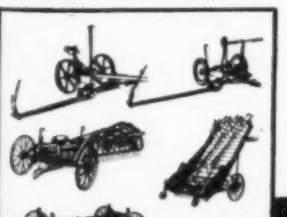
FREE BOOK "If Your Soil Could Talk to You." Gives facts on getting most out of manure. Ask your dealer for it, or write.

Two-wheel spreaders for large and small tractors. Four-wheel spreader for team or tractor. Supplies still limited. See your NEW IDEA dealer soon. Ask for free folders — or write factory. Coldwater, Ohio.



NEW IDEA Haying Machines

NEW IDEA, INC.

Factories: COLDWATER, OHIO SANDWICH, ILL.

For Swift, Sure Lubrication in Winter

USE THIS NEW FIGHTING AVIATION OIL WITH Twin Action*

Photo Courtesy Cleveland Tractor Company

*FLOWS FREELY AT ZERO OR BELOW

*STANDS UP AT BOILING OR ABOVE

Champlin HI-V-I is an utterly different kind of motor oil. It will lubricate your tractor, truck, and car unlike any conventional oil ever can.

In the first place, Champlin HI-V-I is refined by an entirely new solvent process . . . from 100% Paraffin Base Mid-Continent Crude . . . the finest obtainable.

N-HEXANE, a new and different dewaxing solvent, develops a remarkable cold-pour test rating . . . produces a free flowing oil that lubricates instantly on the first turn of a zero cold motor. This helps reduce winter wear . . . protects close-fitting, moving parts.

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In winter, this TWIN ACTION of Champlin HI-V-I assures your power driven equipment on the ground the swift, positive lubrication essential in the sky.

So see your friendly Champlin dealer today and specify CHAMPLIN HI-V-I . . . the new fighting aviation oil. CHAMPLIN REFINING CO., Producers, Refiners, and Distributors of Petroleum Products Since 1916, Enid, Oklahoma.

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DISTRIBUTORS-DEALERS: *If you are an established distributor or dealer, write for free details. Many good territories are still available.*

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Earliest Tomato

JUNG'S WAYAHEAD has Big Red Fruit ripening as early as July 4. Regular price 15c packet, but to introduce Jung's Quality Seeds we will send you a trial packet of this tomato, Giant Carrot, Cream Lettuce and Earliest Radish, also a packet each of our

Giant Zinnias and Double Larkspur

to beautify your garden. All the above for 10c. In Canada 20c. A Premium Coupon sent with each collection, also our beautiful free catalog of bargains in Seeds, Plants, Hybrid Corn, Vicland Oats.

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$20.40 Bu.; Grimm $21.90 Bu.; Red Clover $20.70; Alsike $21.60; Sweet Clover, Scarified $8.40, Unhulled $4.20; New Timothy $3.20; Clover and Timothy $5.95; New Strain Brome $3.50; Korean Lespedeza $2.75; Early Giant $5.90, high quality. All per bushel, triple recleaned. Hybrid Corn $3.75. Guaranteed satisfactory. Write free samples—catalog. FRANK SINN, Box 404, Clarinda, Iowa.

UNCLE SAM URGENTLY NEEDS FEATHERS

for ARMY HOSPITAL Pillows, sleeping bags, etc. Highest prices paid. White Goose, $1.37½ per lb.; Colored Goose, $1.30 per lb.; White Duck, $1.10 per lb.; Colored Duck, $1.05 per lb. Also goose and duck quills, (wing and tail feathers). Send samples of used feathers for quotation. All shipments accepted. Remittance same day feathers arrive.

MIDWEST FEATHER COMPANY 1650 W. Ogden Ave. Chicago 12, Ill.

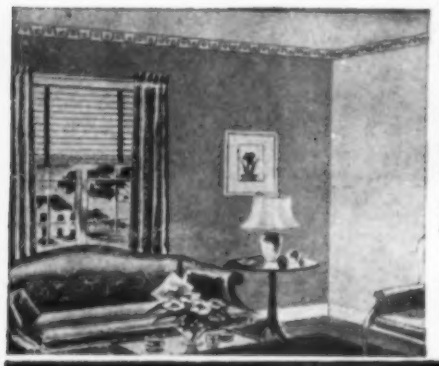
Dependable Hybrid Seed Corn

Iowa 306—4316—4257—939—Indiana 608C—U. S. 13—U. S. 35—Also White Hybrids. Early high yielding numbers for all corn growing sections. Tama oats, red clover, sweet clover, alfalfa seed. Reasonable prices, dealers wanted. Write for price list.

ALLEN JOSLIN SEED FARMS HOLSTEIN, IOWA

BUY A BOND TODAY! DO IT NOW!

LOVELY ROOM ONLY $2.98 PAINTED WITH THE MIRACLE Wall Finish KEM-TONE!



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2. GOES ON LIKE MAGIC!
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$2.98* Per Gal. Paste Form

You add ½ gallon water, which brings your actual cost-per-gallon down to only $1.98!

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KEM-TONE ROLLER-KOATER 89¢
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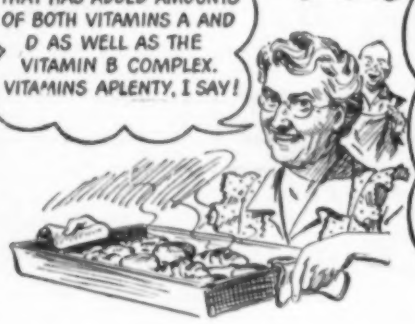
ASK YOUR KEM-TONE DEALER FOR A FREE DEMONSTRATION!

I'LL SETTLE FOR 25 MORE YEARS OF YOUR COOKING!

ED: It was worth having all the young folks here for our anniversary just to hear 'em rave about your delicious rolls. But weren't they a lot of extra work, Mary?

MARY: Pshaw, no trouble at all! But they did turn out nice. I used a grand double-quick recipe with Fleischmann's *yellow label* Yeast . . . the yeast with *extra vitamins!*

YES, SIREE! FLEISCHMANN'S IS THE ONLY YEAST FOR BAKING THAT HAS ADDED AMOUNTS OF BOTH VITAMINS A AND D AS WELL AS THE VITAMIN B COMPLEX. VITAMINS APLENTY, I SAY!



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Homemaking

Mrs. Bertine Holt, Hamilton county, Iowa, is well pleased with her remodeled kitchen. She has hot and cold running water, lots of cupboard space, and an automatic refrigerator. She hopes to add to her kitchen after the war.

Where Work Is Easy

NO ONE can draw up a set of plans for an ideal farm kitchen that will be acceptable to all farm wives. There are so many individual likes and dislikes that they can not be accommodated to any set plan. Too much depends upon the size of the family, the kind of farming that is being done, and what the housewife wants in her kitchen.

Some women want a work center with everything at their finger-tips. Others prefer to have a roomy kitchen where the family can eat, as well as a place for the wife to work.

A lot of farm women are waiting until after the war is over, when they hope to have a new house or have the old one remodeled. Either of these would prove very satisfactory, but both require a fair amount of study and planning.

You don't have to remodel your house to get a convenient kitchen. Perhaps all you need is some more equipment to make your kitchen as up to date as the most modern apartment kitchen that can be found in the city.

A great many families are planning to get running water just as soon as the war and priorities permit. With running water in the house, it won't be long before you can plan to get all of the things that go along with it.

You may want to plan for a sink first. Pick out the most convenient location. You'll want it placed as near to your stove and work-center as possible.

Location will come first, but if it is at all possible to have it under a window, by all means do it. Many hours are spent at the sink, washing dishes and preparing vegetables and it's far better to be able to look out of a window rather than at a blank wall.

Maybe you are planning on a new stove—there will be a great many new models on the market from which to choose. And nothing will refresh your interest in the three-meal-a-day schedule so much as a new stove of some sort.

If you have electricity, you may want a new electric model. But you don't necessarily have to have electricity to have a new stove. Manufacturers now put out bottled-gas stoves in beautiful new models that are fast, clean and efficient. But now is the time to decide upon just where you will put the new stove when you get it.

You may want to keep the good old range, for, after all, it is comforting on a cold winter morning. But pick out a recess or a wall that will hold the new stove, and, if possible, have it close to your sink and work counter.

Perhaps you are saving your war bonds for a new automatic refrigerator. There are going to be a great many new ideas in post-war refrigeration.

You'll probably be interested in the new freezing cabinets, or chests, for the freezing and storage of perish-

Mrs. John S. Maley, of Hardin county, Iowa, has an attractive modern kitchen. The cabinet sink is under a double window that overlooks the barnyard. Drapes at this window and at another on the west wall add to the charm of the room.

Department

able goods, or in a combination cabinet that has both zero and established temperatures in the same cabinet.

And don't forget what curtains and linoleum can do for any kitchen—even without any new equipment. Nothing can add freshness and color more than new linoleum and fresh, bright curtains.

There are already a number of very attractive modern kitchens in our corn belt farm homes, but when the war is ended, when materials become more available, no doubt there will be a great many more.

We are showing here just a few of the conveniences that have proved to be a source of satisfaction to the women who have planned their kitchens and who are finding them a real joy to work in.

Mrs. Bertine Holt, of Hamilton county, Iowa, had her kitchen remodeled two years ago. "We had rather large plans," said Mrs. Holt. "We got the kitchen just about finished when the war broke out and priorities struck. But we hadn't got as far as the bathroom. That will have to wait now until the war is over."

Mrs. Holt is rather glad that her kitchen has high walls. It gives her that much more room for cupboard space. There is a wash-basin on one wall, with hot and cold water, which makes a very good place for the men to wash when they come in from outdoors. The sink has both hot and cold water, and is in a conveniently lighted space underneath a window.

The automatic refrigerator is in a recess near both the stove and the work counter, necessitating as few steps between them as possible. It's a homelike, comfortable kitchen, and a good one in which to work.

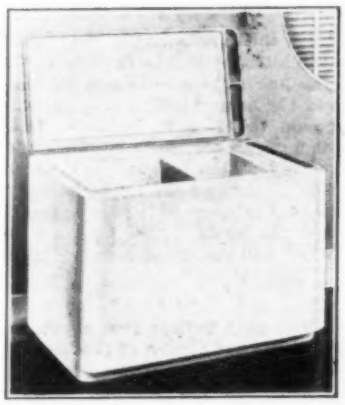
Mr. and Mrs. John S. Maley, of Hardin county, Iowa, bought their lovely modern home about eight years ago. The kitchen is 12x12 feet in size, with cuboards which reach clear across the west wall—arching a window over which are swagger drapes.

In one corner are the stairways—one flight leading down to the yard or the basement, the other leading up to the second floor.

The kitchen is painted white—which gives it a cheerful appearance. There is a double window over the cabinet sink, and this window is also arched by swagger drapes. The stove is set in a recess near the sink, and the automatic refrigerator is placed just outside a south door on an enclosed porch.

The water in the Maley house is supplied by windmill pressure, supplemented by an electric motor. But one thing that will be added after the war is an electric water heater for summer use. "We'll just have to wait for that," says Mrs. Maley. Otherwise, her kitchen is just about perfect for her uses.

Another remodeled kitchen which is serving with great satisfaction is that of Mrs. Bayard Holt, of Hamilton county, Iowa.



One post-war addition to many farm kitchens will be a freezing cabinet to keep fruits, meat and vegetables within easy reach.

This kitchen is quite large and a very roomy one, allowing plenty of space for a companion coal burner for heating water, next to the white enameled electric stove. In both size and appearance, these two pieces of equipment match so well that they seem to be almost one stove.

Mrs. Holt has a work counter, with an inlaid linoleum top, across one side of this large kitchen. At the dining-room end of the counter it is enlarged, with a "butler's pantry" opening into the dining-room. This saves the endless walking back and forth to serve a meal.

The sink, which is just to the right of the stove, is under a window that overlooks the back yard. The water supply is from two electric pumps which supply both soft water and water for drinking.

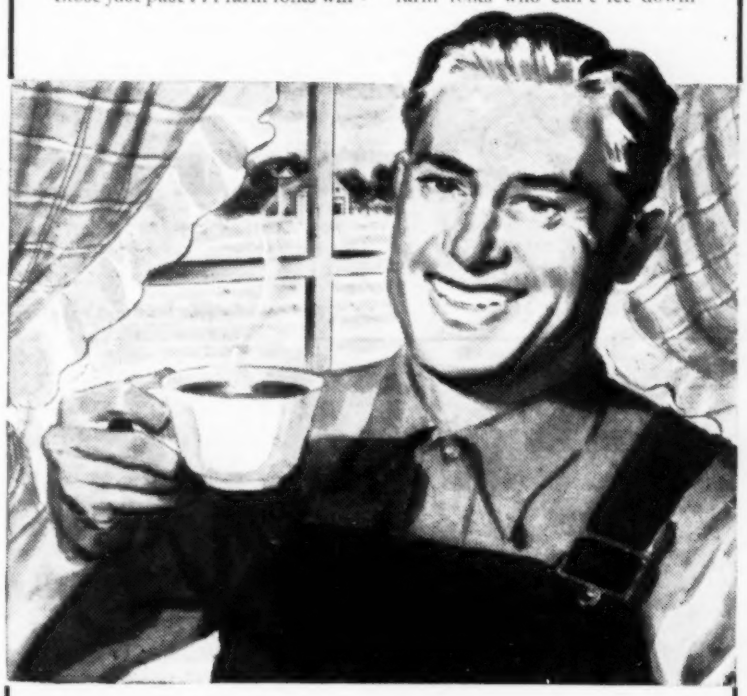
Mrs. Bayard Holt, of Hamilton county, Iowa, and her daughter Juliann look over their roomy modernized kitchen. The stove, the sink and the work counter are all easily accessible.

A Lift for the Man Who Can't Let Down

When peace comes, the strain will be lifted for many. But not for the farmer who has broken all records of food production. When the war ends, the need for food will be as great as ever.

In trying days ahead . . . as in those just past . . . farm folks will turn to mountain grown Folger's Coffee for the lift they need when the going is hard.

The Folger people consider it the highest privilege to supply this vigorous flavored coffee that helps ease the strain a little for farm folks who can't let down.



Farm Folks Appreciate This Better *Kind* of Coffee

Mountain Grown Folger's Flavor is so rich we urge you to **USE ¼ LESS** *coffee per cup*

FARMERS know from experience the importance of soil and climate. They can understand why mountain sunshine and soil and rainfall produce the richest flavored coffee in the world.

Only a fraction of the world's coffee supply is mountain grown. But the Folger people obtain choicest crops of this rare coffee to produce a miracle of flavor that has never been matched. Flavor so rich we urge you to use ¼ less per cup!

Next time, give your family the pleasure and the lift of mountain grown Folger's. There's a mountain of flavor in every spoonful of Folger's!

Mountain Grown

VACUUM PACKED

FOLGER'S COFFEE

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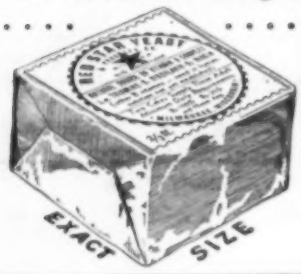
HOW TO BE THEIR "YEAR-ROUND" VALENTINE

You'll win their hearts in *every* season with plump, golden loaves of flavorful home-baked bread. It's easy to make with jiffy-quick, sure-rising Red Star Yeast . . . each loaf is a tempting delight. More nourishing, too . . . for each large, economical cake of Red Star Yeast is fortified with extra health-building B-complex vitamins.



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Invest in Victory — Buy War Bonds and Hold Them

IT'S A BOOT FORTIFIED

The rubber in "U.S." Farm Boots is fortified, scientifically, to give long wear under hard usage. Shingle-construction puts 5 plies at the ankle, 6 plies at the instep. Rocker last, full-size heels, large treading surface, quick-drying linings, extra strong foxing.

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Serving Through Science **UNITED STATES RUBBER COMPANY**

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It's BALANCED... *that's the difference*

Balanced double action . . . for positive action in the mixing bowl . . . for gratifying results in the oven.

You'll be Surprised!

CLABBER GIRL *Baking Powder*

HULMAN AND COMPANY, TERRE HAUTE, INDIANA

FREE 1945 Garden Catalog Illustrated in Color

of hardy field-grown vegetable plants that produce crops three weeks earlier than home grown plants. Tells how to spray, plant, and cultivate cabbage, onion, lettuce, beet, broccoli, tomato, potato, eggplant & pepper plants. Get your catalog now before the supply is exhausted.

P. D. FULWOOD CO., TIFTON, GA.

CLOTHES PINS

Strong Hardwood Wash Size

5 Dozen $1.00 Postpaid

Cash or Check—No C. O. D.'s

BROWN TOY CO., Box. 1003-B, LANSING, MICHIGAN

25 GLADIOLUS Bulblets FREE

Mix of my most beautiful varieties. Regular first quality bulbs, except baby size. Will grow tall and lovely. Fully half bloom first year. Developing and growing gorgeous flowers is my hobby. My new Catalog tells all about them—that's why this exceptional offer. Write today—just say, Send Free bulblets. Enclose 3c stamp, please. Glads, catalog and my magazine Seed Sense—free, postpaid.

HENRY FIELD SEED & NURSERY CO.

2229 Elm St. - - Shenandoah, Iowa

COUNTRY AIR

By ELIZABETH C. WHERRY

A FRIEND substituted at a bridge club the other night. "What news did you pick up?" her family asked. "We-ell, a lot about the different boys and where they were." Said the man of the house to me: "Don't you ever pick up any news when you go uptown after the mail?" "We-ell," I answer, "nothing I can remember except the boys."

* * *

And so it goes. Whoever you talk to, wherever you go, the talk is about the boys, and sometimes you wonder if they're the same boys you talked about a year ago, two years ago, three—yes—and four years ago.

* * *

Now the conversation runs with flat realism: "In his foxhole"; "73 days since we heard—he was fighting up in the mountains"; "in a tiny village on the Belgian border"; "malaria and jungle rot"; "wounded in Germany"; "but he can't say which beach"; "thru all the island action"; "hospital in England"; "Jap sniper"; "over the hump"; "he says not to worry," and the dread terms—"missing" and "killed."

* * *

You can't believe that about a year ago the burden of talk dealt with "must be sailing soon"; "east coast APO"; "15 more months in the states now"; "big convoy"; "in quarantine at his POE"; "his things came home yesterday"; "the censors cut out a little."

* * *

The flood of crossings was at a peak, and we searched maps of the world for different ports and landing fields.

* * *

Before that, we were learning a lot about the geography of our own country. Basic training camps in dusty Texas; on hot Kansas prairies or in steaming Louisiana; boot training on lakes and sea coasts; ASTP units in universities and colleges all over the country; flying fields in California; special schools in Delaware or Colorado.

* * *

We said: "Pretty homesick at first"; "food pretty good"; "gained 10 pounds already." We laughed over their tales of K. P. and 12-hour passes. We blinked over 25-mile hikes, obstacle courses; learned a lot of navy lingo—the difference between a leave and a furlough, and if and when there'd be one, and we said: "Well, you can't tell a thing about it."

* * *

Before that, we said: "He was 18 last March"; "they won't take him—he has a bad eye"; "three boys—it will hit that family hard"; "heartbroken when he got his 4-F"; "enlisted the day after Pearl Harbor"; "can't see how they'll get the job done if they take any more farm boys"; "a little military discipline won't hurt those kids"; "they say they're building dozens of these hospitals over the United States"; "he'll get in a year of engineering before he's called."

* * *

Will those boys who have flown the hump, traveled to distant ports, seen the great capitals of the world, met and talked with peoples of many lands, find us dull, narrow and uninteresting when they get back, asks L. R., of Missouri.

* * *

Yes, whenever, wherever, whoever, the talk is of the boys.

YOUR SHOES ARE SHOWING!

YOU NEED SHINOLA

● The opposite sex has an eagle eye for grooming errors. Unshined shoes never go unnoticed. Furthermore . . . the care you give shoes has a lot to do with the wear you get from them. You'll do well to use Shinola.

Here's why: Shinola's scientific combination of oily waxes helps hold in and replenish the normal oils in leather . . . helps maintain flexibility . . . and that means longer wear. Better KEEP 'EM SHINING WITH SHINOLA.

SHINOLA *for every type and color shoe* only 10¢

MEAT CURING *MADE EASY*

Meat Flavor Made Better by Old Time "Wright Way" Liquid Smoke Method

Wright's Ham Pickle sugar cure and Wright's Condensed Smoke save you work, time and meat—give a sure cure and finest flavor at low cost. All you do is pack your meat in Wright's Ham Pickle and salt—either dry or in brine form.

After curing, just apply Wright's Condensed Smoke with brush or cloth.

Wright's Ham Pickle contains everything needed to cure meats except salt. Wright's liquid smoke, condensed from natural hardwood smoke, adds wonderful old time flavor. A large bottle of each cures and smokes 300 pounds of meat.

Wright's Smoke is also fine for barbecuing and cooking meats. At dealers everywhere.

FREE BOOKLET 36 pages butchering, meat curing information, recipes, etc. Free at dealers or write direct.

E. H. WRIGHT CO., Ltd., 2435 McGee Dept. I Kansas City 8, Mo.

WRIGHT'S HAM PICKLE ★ *for Sugar Curing* ★

WRIGHT'S *Condensed* **SMOKE** *for Smoking and Barbecuing*

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Why worry and suffer any longer if we can help you? Try a Brooks Patented Air Cushion. This marvelous appliance for most forms of reducible rupture is GUARANTEED to bring YOU heavenly comfort and security—day and night—at work and play—or it costs you NOTHING! Thousands happy. Light, neat-fitting. No hard pads or springs. For men, women, and children. Durable, cheap. **Sent on trial** to prove it. Not sold in stores. Beware of imitations. Write for Free Boolon Rupture, no-risk trialorder plan, and Proof of Results. All Correspondence Confidential.

Brooks Company, 226-B State St., Marshall, Mich.

COOKERY CORNER

Rye Bread

(Two loaves)

3 cups of white flour
3 cups of rye flour
1 cup of milk
1 cup of water
⅓ cup of brown sugar or molasses
1 yeast cake in 2 tablespoons of water
1 tablespoon of salt
2 tablespoons of shortening

Crumble yeast in two tablespoons of lukewarm water; let stand 10 minutes. Scald milk, add salt, sugar or molasses, and water; let cool to lukewarm. Add yeast and rye flour; beat well. Add melted shortening. Add white flour gradually to make a stiff dough. Turn onto a floured board and knead well. Place dough in a slightly greased bowl, cover, and let rise in a warm place. When dough is double in bulk, punch down, folding the outside edges to the center. Cover and let rise again until light. Knead, divide dough into two equal portions and shape into balls. Let rise for 10 minutes. Shape the two balls of dough into loaves, place in oiled loaf pans, cover and set away to rise until light. Bake at 425 degrees F. for 10 minutes, lowering temperature to 375 degrees for the remaining time (about 40 minutes).

Baked Succotash

1 pound of dried lima beans
2½ teaspoons of salt
2 tablespoons of brown sugar
¼ cup of molasses
1 bay leaf
¾ teaspoon of dry mustard
¼ cup of finely chopped onion
1 cup of boiling water
1½ cups of cooked whole-kernel corn
¼ pound of salt pork

Soak beans overnight in cold water. Add one teaspoon of salt and boil slowly for 45 minutes; drain. Combine remaining ingredients excepting the pork, and add to beans with the corn. Add boiling water to cover after pressing the salt pork into the beans. Bake in a slow oven for three hours, or until beans are tender, adding more water if needed. Remove cover during last half-hour of baking. — M. S., Custer County, Nebraska.

Upside-Down Apple Gingerbread

Melt two tablespoons of butter in a baking pan. Arrange four or five thinly sliced apples in butter and sprinkle over them two tablespoons of brown sugar and one teaspoon of cinnamon. Mix one-fourth cup of shortening, one-fourth cup of brown sugar, one egg, three-fourths cup of molasses, one and one-fourth cups of flour, one-fourth teaspoon of salt, one-half teaspoon of ginger, one-half teaspoon of cinnamon and three-fourths teaspoon of soda. The dry ingredients are added to the molasses mixture alternately with one-half cup of boiling water or sour milk. Bake 30 to 40 minutes at 350 degrees F. Serve with whipped cream or sauce.—Mrs. Carl Hipnar, Pottawattamie County, Iowa.

Pinwheel Meat Roll

¾ pound of beef, veal or lamb, ground
¼ pound of ground pork
1 beaten egg
¼ cup of milk
1 cup of soft bread crumbs
2 tablespoons of chopped onion
½ teaspoon of salt
¼ teaspoon of sage

Mix and place on waxed paper. Spread to one-fourth inch thick; then spread with filling. Roll like a jelly roll. Bake in a pan, uncovered, in a 350-degree oven for one hour.

For golden filling, cook one-fourth cup of finely chopped onion and one-half cup of diced celery in two tablespoons of fat. Add one and one-half cups of finely chopped carrots and one-half teaspoon of salt. For white filling, use three cups of moist mashed potatoes.—Mary Hoy, Monona County, Iowa.

Sour Cream Biscuits

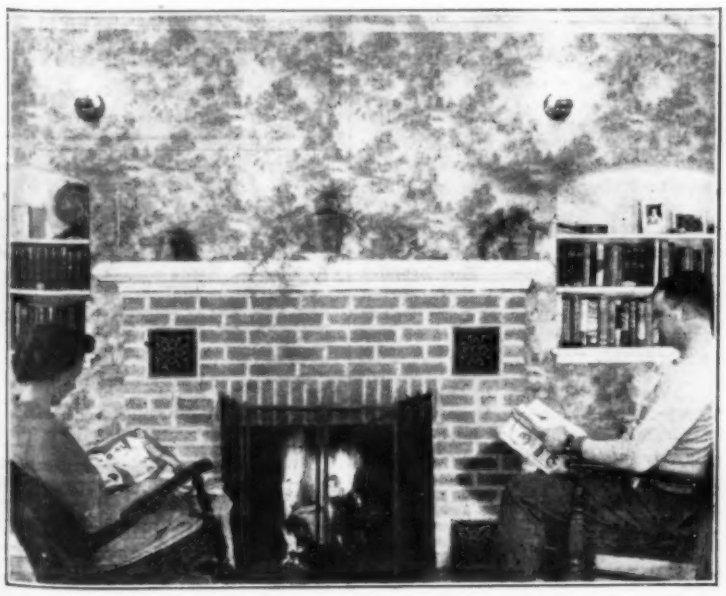
4 cups of flour
1 teaspoon of salt
4 teaspoons of combination baking powder
1 cup of sour cream
1¼ cups of buttermilk
1 teaspoon of soda

Sift dry ingredients. Add milk and cream gradually, stirring until a soft dough is formed. Mix smooth. Drop by heaping tablespoonfuls on baking sheet and bake in a hot oven for 35 minutes. They can be patted out and cut, but I like to save those few minutes when busy.—Mrs. Esther I. Venator, Wapello County, Iowa.

Chocolate Malted Milk

½ cup of chocolate syrup
4 tablespoons of malted milk
1 quart of cold milk
2 cups of ice cream

Mix chocolate and malted milk together thoroly. Add milk and ice cream and blend well. Serve immediately. Serves six. Surely is good! (I usually make my own chocolate syrup and ice cream, and we enjoy all we want at small cost.)—Mrs. Della A. Wood, Poweshiek County, Iowa.



Mr. and Mrs. Lloyd E. Rittgers spend a pleasant evening in front of the fireplace in their beautiful farm home in Polk county, Iowa. The fireplace is midway of a long wall in the 12x24-foot room.

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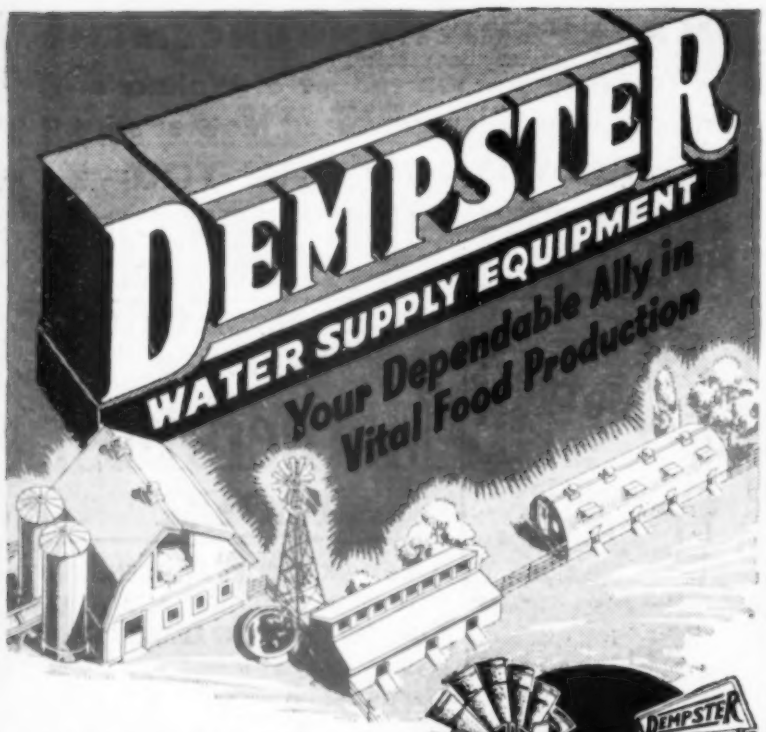

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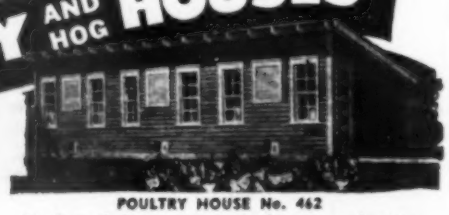

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THE FARM FLOCK

Cold Chilly weather slows down the flock sometimes, but not if the house is warm, the water hot, the feed plentiful. Mrs. Ralph Copeland, of Dallas county, Iowa, finds two bucketfuls of eggs.

Nice To Have May Fries

THOSE of us who have included early chicks in our poultry program for 1945 have had reason to be happy that the groundhog did not see his shadow on February 2. An early spring, or at least a fair amount of early sunshine, is certainly to be desired during the brooding period of any young thing.

It is not my purpose, however, to try to convert all readers to the proposition of early-hatched chicks. If your equipment is not fairly modern, I should not advise it. It happens to fit in with our plans, and for those who feel the same way about it, I should like to point out some of the ways which have helped us during the past three years.

We have raised Leghorn cockerels in February for early broilers, and have had excellent results. It has been quite a pleasure to have chicks large enough to make good fries in May.

This year, we have decided to start all our chicks at one time, and it is our ambition that, by the time the weather is warm enough to plant gardens and to care for the lawn, the young flock will be at a point where their care is purely routine.

I always feel that, given four or five weeks free from disease, a flock needs nothing but time and good care to mature.

We began to plan such a program last fall when we housed the pullets in the laying house. The brooder houses were moved to their spring location at that time and the heavy part of the cleaning was also accomplished.

We did not bank up the poultry houses during the winter, for fear of making a harbor for rats, mice and other varmints. But the houses were leveled before they had frozen in for the winter.

This and a fresh window-washing and some necessary spraying were all that was required to make them ready.

We contacted our feed dealer early and had him on the lookout for good litter for the houses, and we now

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Use Just Like Compressed Yeast

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MultiRICH Sargent

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—sweetened with Omalass, a Dextrose Sugar feed—

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Yet No Increase In Price

Chicks eat so little—and that little makes SUCH a difference in the start they get—that the BEST feed you can buy is the best INVESTMENT you can make. MultiRICH All-Mash Starter combines the latest advances in chick feeding science, for livability, for growth, vigor, stamina, resistance to disease. Give YOUR chicks these 5 added advantages. Ask your dealer.

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Water An electric pump pushes water to flock, stock tank and house on the Hans Giese farm, in Greene county, Iowa.

have enough on hand to see the early brooding period thru.

By the time chicks can do without heat, they graduate to straw for bedding on our farm. We have starting mash, fine grit, litter, one new brooder house and two new electric hovers on hand all ready to go.

When I asked about the type of feeder which was available for very young chicks this year, I was given a good suggestion by our hatcheryman.

Many of his flock owners have reported excellent results from the use of old egg-flats for feeders during the first few days, when it is so very important that every chick finds feed and eats plenty of it.

I refer to the type of flat that has small, round cups for the ends of the eggs to rest in. Now I am hunting for some type of a waterer which will be easier to handle than the quart-jar method. These are tippy when you try to get them under an electric hover, and if one is spilled it may mean a lot of moldy litter.

After the chicks learn where water is, they go to it very readily, but we have had our best results by having many waterers placed where they almost walk over them at first.

We have never had a brooder stove in the house in February, but we have had only inexpensive cockerels at stake, and it is to the credit of the electric company that we have not had a serious interruption of current during the brooding of the chicks.

We felt that it would tempt fate a little too far to put three houses of valuable pullet chicks and pedigreed cockerels out at one time, without taking necessary precautions in case of storms, blizzard and circumstances over which the power company has no control.

So we got out the coal stoves, and found a furnace cement with which to seal all cracks, checked the stove bolts, wafers, grates, etc., and bought some lengths of new pipe.

There is quite a plea on the air and in the papers just now to raise more broilers, but don't do it at the expense of room for your pullets to grow and develop properly.

Watch those eggs you are taking to the hatchery these days. We sort eggs for weight daily, but the day they go to the hatchery every egg is checked again to see if the shell texture is satisfactroy.

No hatchery has enough help this year to handle a single egg unnecessarily, so cull them closely yourself and win the approval of all those who have to handle them. Earn your hatchery premium yourself.—M. B., Jasper County, Iowa.

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by feeding mashes fortified scientifically with

On feed tags look for "D"-Activated Animal Sterol*, originated by Du Pont.

Be sure that your birds are getting the vital, all-important Vitamin D they need through a source that is chemically produced and scientifically controlled. Look for the words *"D"-Activated Animal Sterol* on the tag of the feed you use.

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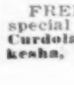

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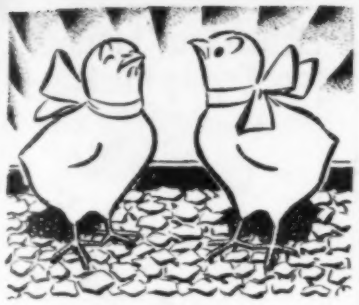

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Sarah Jane Says:

Things Are Rarely Ideal

To the Editor: It might be well for me to go ahead and wash the cream separator and do some other things that need doing, for I haven't much to write about our farm flock. But chances to mail letters are scarce, so I must write now if I ever do.

One of my teachers used to tell us that we couldn't wait for inspiration for English themes or for term papers. She said inspiration was mostly elbow grease, anyway.

I think that saying applies to anything. Conditions rarely are ideal for accomplishing tasks. It is well to make a beginning on faith.

These chilly days, with the wind in the east make the hens rather cold and unhappy. The laying-house does not seem cold to me, however, except quite early in the morning. Before long, temperature won't be one of our problems.

I lost two hens in the last two weeks. I think they had some form of paralysis. It affected the wings of one. I suppose their floor is not clean enough, and I have been feeding them there sometimes. I don't know what to do about the trouble.

I still bring tubs or baskets of chaff containing oats to the hens. I have one feeder that I can pour these oats into, which might make it cleaner for the hens.

I gave the hens fresh ashes this week. I put the ashes in a wooden (pre-war) box. The hens wallow and pick charcoal to their hearts' content.

Most of the hens have the appearance of layers, so I think I shall have to put in some more nests. Those we have need fresh straw very often.

These hens are not bad about breaking eggs. I think we sold the one that was really an egg-breaker. The eggs are not soft-shelled now; the oyster shell seems to vanish rapidly.

I hope to do some cleaning this week. At least, I can wash the curtains, windows and woodwork in the kitchen and dining-room.

I waxed the linoleum not long ago, but this part of the house is so much "lived in" that the linoleum gets a lot of wear; so this particular job again.

If I can get this sewing and housework out of the way, then when a warm day comes along I can clean the brooder house.—Sarah Jane, Warren County, Iowa.

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Hatchery Spring chicks are being ordered now. This woman operator of an open country brooder-hatchery is doing a little figuring on spring business.

Need Hay Or Yellow Corn

Chickens sent to the North Dakota veterinary department are most often suffering from Vitamin A deficiency, says J. Earl Cook, poultry specialist.

Cook says Vitamin A deficiency is serious in itself, but it is also a forerunner of such serious poultry troubles as colds, nutritional roup and poor hatchability of eggs.

Green alfalfa hay and yellow corn are the best and cheapest sources of Vitamin A for poultry, Cook declares. They may be ground with a hammermill or may be fed from a rack made of woven wire. The rack may be against the wall, or may be round in shape and placed in the middle of the feeding space.

Just 500 pounds of green cured alfalfa hay will provide a year's supply of alfalfa meal for 100 hens and the chicks to replace them, according to Cook's estimate.

While green alfalfa is the best farm source of Vitamin A, and also other vitamins, yellow corn or any other early-cut, green legume hay, may be substituted if alfalfa is not available. The hay must be green to contain enough of the vitamin to do any good.

Corn-and-Cob Meal Fed to Poultry

Corn-and-cob meal for laying hens showed a slight advantage over coarsely-ground corn in feed consumption per dozen eggs, in an experiment at the Ohio station.

With 31 per cent of the ration in corn-and-cob meal in one pen, and 31 per cent of the ration in coarsely-ground corn in another pen, egg production and weight of pullets remained almost identical in each pen. Feed consumption per dozen eggs was 7.12 pounds for the corn-and-cob meal pen and 7.09 for the check pen.

Since the corn-and-cob meal contained about 20 per cent cob material, there was a saving of about 6 per cent of total feed intake (ingredients other than cob material) to be credited to the corn-and-cob meal ration.

Growing pullets, up to 10 weeks old, showed no advantage for corn-and-cob meal. Gains were slowed down and feed consumption per pound of gain increased in proportion to the cob material in the feed.

D. C. Kennard and V. D. Chamberlin, of the Ohio station, conclude that corn-and-cob meal should not be fed to pullets until they are eight or 10 weeks old. First experiments are favorable for feeding the corn-and-cob meal to laying hens, but further tests are being made to determine the value of the bulky feed.

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Save Money, Buy Bonds

Borrow More; Pay More

IOWA farmers and farmers cooperatives borrowed over 34 million dollars from the Farm Credit Administration at Omaha in 1944, it is reported by N. G. Kraschel, district general agent.

The three kinds of loans that made up this total were: (1) First mortgages on loans by the Federal Land Bank; (2) short-term operating loans thru the Production Credit Associations, and (3) loans to farmers cooperative marketing and purchasing associations.

The 34 million dollars lent to Iowa farmers in 1944 is a substantial increase over the preceding year, said Kraschel. However, Iowa farmers' payments to the FCA on old loans during the year exceeded new loans made.

Increased loans during the year were attributed to tenants buying farms and to heavy use of credit by farmers cooperatives. As an example, Kraschel cited the 2¼ million dollars that was lent to the farmers cooperative soybean processing plants during the year.

Iowa farmers made heavy liquidation during the year on land bank and production credit loans. Payments to the land bank ran well in excess of new money lent. At the end of 1944, over 96 per cent of all land bank loans were current. There was virtually no delinquency in operating credit loans.

At the close of 1944, lending units of the FCA had 39,000 loans outstanding in Iowa, totaling 157 million dollars.

The FCA general agent pointed to several outstanding improvements in the structure and services of farm credit during the year.

Among improvements was a reorganization plan which placed impaired farm loan associations on a sound basis; elimination of new loan fees by the Omaha bank; payment of dividends on Federal Land Bank stock, and establishment of additional PCA field offices.

Be Prepared When Young Arrive

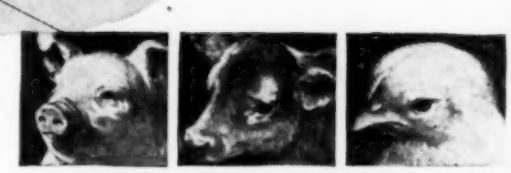
The following table may help you determine when young colts, calves, lambs and pigs will arrive, and may save some unnecessary death losses.

The dates indicated are based on gestation periods of 340 days for mares, 283 days for cows, 150 days for ewes and 112 days for sows.

This is about the average period during which these animals carry their young, but considerable variation may occur. Mares and cows may deliver their young as much as 10 days or even two weeks before or after the dates indicated, and ewes or sows may vary several days either way.

Date of Service	Mares 340 days	Cows 283 days	Ewes 150 days	Sows 112 days
Jan. 1	Dec. 6	Oct. 11	May 31	Apr. 23
" 15	" 20	" 25	June 14	May 7
Feb. 1	Jan. 6	Nov. 11	July 1	" 24
" 15	" 20	" 25	" 15	June 7
Mar. 1	Feb. 3	Dec. 9	" 29	" 21
" 15	" 17	" 23	Aug. 12	July 5
Apr. 1	Mar. 6	Jan. 9	" 29	" 22
" 15	" 20	" 23	Sep. 12	Aug. 5
May 1	Apr. 5	Feb. 8	" 28	" 21
" 15	" 19	" 22	Oct. 12	Sep. 4
June 1	May 6	Mar. 11	" 29	" 21
" 15	" 20	" 25	Nov. 12	Oct. 5
July 1	June 5	Apr. 10	" 28	" 21
" 15	" 19	" 24	Dec. 12	Nov. 4
Aug. 1	July 6	May 11	" 29	" 21
" 15	" 20	" 25	Jan. 12	Dec. 5
Sep. 1	Aug. 6	June 11	" 29	" 22
" 15	" 20	" 25	Feb. 12	Jan. 5
Oct. 1	Sep. 5	July 11	" 28	" 21
" 15	" 19	" 25	Mar. 14	Feb. 4
Nov. 1	Oct. 6	Aug. 11	" 31	" 21
" 15	" 20	" 25	Apr. 14	Mar. 7
Dec. 1	Nov. 5	Sep. 10	" 30	" 23
" 15	" 19	" 24	May 14	Apr. 6

DEADLY ENEMY OF INFECTIONS IN LIVESTOCK
SULFA-GUAN-I-DINE



SAVE ANIMALS BY QUICK ACTION

White scours in calves, necro in pigs, coccidiosis in sheep and poultry all are robbers that steal your profits. If these diseases do not kill they often stunt the victim because of intestinal damage. Today, Lederle's Sulfaguanidine is saving farmers and poultrymen millions of dollars.

Treat your animals promptly with Sulfaguanidine to control intestinal infections. Sulfaguanidine works fast. By prompt treatment you get the full protection of this wonder drug that helps you preserve full market values of livestock and poultry that otherwise would die or be seriously weakened.

Lederle's Sulfaguanidine comes in tablet, oblet and powder forms for easy dosage. Free booklet telling full story sent upon request.

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And they'll grow a lot of wool
And they'll keep their boss' bank account
Comfortably full.
And all because they get
Minerals they need . . .

IN CUDAHY'S ALL PURPOSE MINERAL FEED!

Tests show Mineral-fed lambs gain almost 3 pounds more per lamb than those not fed minerals—on same amount of feed! Fortify home-grown feeds with Cudahy's All Purpose Mineral Feed today!

For sheep . . cattle . . hogs . . horses . . poultry—get Cudahy's—the *All Purpose Mineral Feed* . . a Cudahy PLUS product because it contains a high percentage of Steamed Bone Meal as a base.

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Perfex SAVES ME HOURS CLEANING WALLS AND WOODWORK

AMAZING Perfex ZIPS THRU HOUSECLEANING

Perfex CLEANS WINDOWS INSTANTLY—LEAVES NO FILM

TRY Perfex FOR CLEANING RUGS AND UPHOLSTERY IT'S MARVELOUS

FOR FREE SAMPLE SEND 3¢ STAMP TO PERFEX CO. OMAHA, NEB

MAKES 20 GALLONS

Perfex is a wonderful new kind of cleaner. Zips dirt from woodwork, walls and floors like magic. Marvelous for windows. Cleans upholstery and rugs. "Dry Cleans" curtains, dresses, woolens beautifully for 2c a garment. Try Perfex soon. You'll love it.

ASK YOUR GROCER

INTERSTATE
SHORTHORN BREEDERS SHOW AND SALE

March 7th **March 8, 12 Noon**

50 HIGH-CLASS BULLS AND 43 FEMALES IN THE SALE

Sioux City, Iowa, Mar. 7 & 8

— CONTRIBUTORS —

	Bulls	Females
M. W. Smith, Paullina	2	2
Lloyd E. Crouch, Hinton	1	1
John E. Greig, Estherville	2	
P. H. Warwick, Dickens		2
Bruno Bochmann, Holstein	3	5
R. J. Egger, Roca, Nebr.	3	4
Cornelius Conover, Holstein	2	1
Sumption Bros., Frederick, South Dakota	5	
Peter Bell & Sons, Le Mars	2	3
Benton McCone, Botna	5	5
H. G. Wilcox, Moville	1	
Carl Pausch, Le Mars		2
Dr. S. A. Donahoe, Sioux Falls South Dakota	2	
Max Lanham, Paullina (3-year-old)	1	
Held Bros., Hinton	4	2
C. F. McKeegan, Doon	1	1
F. E. Jackson, Hurley, S. D.	2	1
Clausen Bros., Spencer	5	7
Metz Bros., Holstein	1	2
McNutt & Archer, Lake Park	1	
John R. Saunders, Manilla	1	
Albert J. Hamann, Inwood	3	1
Walter H. Stein, Estelline, South Dakota		2
A. J. McCone, Defiance	3	1
Harold Rhodes, Spencer		1

We think this is the best lot of Shorthorn bulls and cows and heifers that we have ever sold in any of our Association sales at Sioux City, and we invite you all to be with us on day of sale, and participate in this great event. There will be 50 head of bulls in the sale and 43 cows and heifers. We have endeavored to list nothing that was not up to the high standard we have maintained in these sales. These cattle have all been personally selected by Bert McCone, and we think he has done a good job. We are selling 50 head of bulls, and these come from the best herds in the northwest, and are sired by the greatest bulls in this part ofthe country. Not only that but the sires of these bulls selling are the sons of the greatest Shorthorn bulls in all America. There will be prospective show bulls in this offering, and bulls that will do to go to the head of any of the best herds and make good. We also have a few tried bulls and bulls for the farmers and the rangeman. The blood lines are the best known to the breed, and are all Scotch and of the very choicest families. The females are also a grand lot and we think they are the best ever sold at this point. We urge you all to write for our illustrated FREE catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

FRANK E. JACKSON, Sec. & Mgr.
HURLEY, SOUTH DAKOTA

Auctioneers, J. E. Halsey and Harry Dewar. M. T. White, Fieldman.

Banquet Hotel Mayfair 6:30 P. M., March 7th. All are invited

An Angus Dispersal

the herd of
W. W. HILL, BAXTER, IOWA

In the Marshalltown Livestock Auction Pavilion, located on South 18th Avenue

MARSHALLTOWN, IOWA
MONDAY, MARCH 5, 1945

Starting at 12:00 Noon Sharp

—73— HEAD **68 Lots—64 Females, 4 Bulls**
Also 19 Unregistered Steer Calves

This is a good herd of young breeding cattle, the foundation was selected from such herds as **JOHN I. MILLER, MEIER BROS., ERNEST BRENIMAN & SON, JOHN OHLAND & SON** and others. The females include **25** daughters of **MARSHALL ENCHANTER,** a grandson of the famous Earl Marshall. There are 13 daughters of **GAY BOY G. 2d,** former herd sire in the John I. Miller herd. He topped the Central Iowa sale last fall in his 8-year-old form at **$1,075** and went to Fred Stien, Hampton. Only 1 over 5 years old and 7 over 3 years. There are 21 three-year-old matrons, 4 bred two-year-olds, 11 open 1943 heifers and 14 heifer calves calved in 1944. The females will be mated to **EILEENMERE W. 26th,** a choice 2-year-old by Enchantress Eileenmere Boy. Here is a double bred **HANES EILEENMERE** 2d proven sire for someone. Also three younger bulls, all ready for service. **19 TOP STEER CALVES** calved in summer of 1944 by MARSHALL ENCHANTER, out of purebred cows. A real opportunity for **4-H Club** members. All **T. B.** and **Bangs** tested. Plan to attend. Ask now for **FREE** catalog mentioning this publication. Address

CLAIR G. MASON SALE MGR. BOX 243 **MARSHALLTOWN, IOWA**

HEART OF AMERICA

ANGUS SALE

Sale in Stock Yards Barn No. 3, Starting at 11:00 A. M.

AT KANSAS CITY, MISSOURI
FRIDAY, MARCH 9, 1945

100 BULLS — 50 FEMALES

On this occasion we will place on offer one of the greatest offerings of Bulls ever to be assembled for an auction. There will be Herd Bull Prospects; Top Breeding Bulls for the Commercial Breeder who wants to grow Top Selling Feeder Calves; and for the farmer who wishes to put his cattle business on a paying basis. The Female offering will bring before the public a splendid array of foundation material. These cattle are coming from some of the best Herds in the United States and are backed by breeding of the best. Enter your name TODAY with the sale manager to receive a catalog as soon as they are off the press. . . . This is THE ONE SALE that you will want to attend, this spring.

SIRES: Eston Bertram, Erie Bell Boy, Bar Eston, Eyeton of Quality, Repeater of Wheatland 13th, General 6th of Page, Eileenmere 386th, Evergreen's Eileenmere 2d, Betramere, Eileenmere 154th, Applewood Bandolier 50th, Prizemere 360th, Black Barb of Lake Albans, Revolution's Black Prince, Proud Eileenmere 6th, Erianna's Envious Ben, Black Erie 5th of Clearwater, Balto of Sheridan, General 5th of Lonjac, General 4th of Lonjac, Prince Sunbeam 15th, Epic Renown, Eileenmere 487th, Postelmere 2d, Esquire of LeBaron.

FAMILIES: Elba, Blackcap, Miss Burgess, Ballindalloch, Blackbird, Missouri Barbara, Blackbird, Queen Mother, Pride of Aberdeen, Erica, McHenry, Blackcap, Elsa, McHenry Barbara, Rosemere Pride, Evergreen, K. Pride.

A purebred Breeder, a commercial Breeder or a farmer can supply his needs. Ask for **FREE** catalog mentioning this publication.

JAMES E. NUGENT, Sale Mgr., Bryant Bldg., KANSAS CITY, MO.

Heart of America Aberdeen Angus Assn.

L. M. Thornton, Secretary, 2825 E. 18th St., Kansas City, Missouri

Roy Johnston, Auctioneer. J. E. Halsey, Fieldman.

COLO CLEAR VIEW FARM

Berkshire Sow Sale

MAPLEWOOD CHALLENGER, 1944 Iowa Grand Champion.

COLO, IOWA
TUES., FEB. 20, 1945

Excellent Sows and Gilts

A fine offering sired by **MODERN GRENADIER, FASHION IMPROVER, SWIFTS CHALLENGER 5th, GRANDVIEW MODEL LAD 10th, STYLISH MASTERPIECE, BLUE LAD 12th** and **DENSON ACE 2d.** Best in breeding. They will be mated to **MAPLEWOOD CHALLENGER,** 1944 Iowa Grand Champion (Illustrated here) **CRITICS SENSATION 2d, ACE HI VICTOR** and **MAPLE GROVE LAD 12th.** The offering is well grown and they are the type that will please. Plan to come. Ask for FREE catalog and please mention Wallaces' Farmer and Iowa Homestead.

W. H. ZEISNEISS & SON Auctioneer C. G. Mason **COLO, IOWA**

Ramona Farms Berkshire Sale!

In comfortable Livestock Exchange

OELWEIN, IOWA, FEB. 24th

50 HEAD CHOICE SOWS AND GILTS

There are 25 spring gilts and 15 fall gilts. Many are daughters of **ACE HI PRIDE,** a great son of Typesetter Ideal, only boar to sire Grand Champion and Reserve Grand Champion at 1943 **NATIONAL** Shows, and Broadview True Lad 2d, a son of Black Bomber. Many will be mated to **ACE HI PRIDE** and his daughters are bred to **RAMONA BAR NONE,** a top son of the $1,400 **BAR NONE.** A place where breeding and quality is plentiful. **COME.** Ask for **FREE** catalog mentioning this publication.

RAY HAYNES Auctioneer H. James **OELWEIN, IOWA**

Hampshire Dispersion

Sale at farm located 7½ miles northwest of Sioux Rapids and 4½ miles northeast of Linn Grove)

LINN GROVE, IOWA,
TUESDAY, FEBRUARY 27, 1945

60 purebreds which include 60 bred gilts, 10 tried fall sows and 20 fall pigs sired by **BLENDER'S REWARD, MODERN HIGH ROLLER,** and **MARVEL PRIZE.** They are bred to **NEW GLORY CRUSADER,** son of the $2,000 New Glory and **MODERN ROLLER ECLIPSE,** a grandson of STRAIGHT LEAD, at O'Bryan Ranch. Bangs Tested. Also farm equipment including 20 Electric Brooders. Ask for **FREE** catalog.

WALTER M. SEGER, LINN GROVE, IOWA

IOWA STATE

ANGUS SHOW AND SALE

(At All Iowa Fair Grounds, Heated Pavilion)

Show 12:00 Noon, March 16—Sale 10:00 A. M., March 17th

Judge J. B. McCorkle, Columbus, Ohio

Cedar Rapids, Iowa, March 16 and 17

126 Best Cattle Available in Iowa

59 Choice Bulls—67 Richly-bred Females

This grand offering has been selected and recommended by a Sales Committee from the Thirteen Angus District Associations of Iowa and they have been drawn from fifty-two of the leading herds of Iowa, namely:

V. J. Alden & Son.....Shellsburg
V. L. Baughman.....Bloomfield
Frank Becker.....Maquoketa
E. W. Blasi & Son.....Bloomfield
Ernest Breniman & Son.....Brooklyn
Cecil Carey.....Marengo
Ray H. Cline & Son.....Bussey
Albert Davison.....Humeston
D. & R. W. Farm.....Marshalltown
John V. Driscoll & Son.....Williamsburg
Dyer & Davis.....Pleasantville
Merle Eiler.....Olin
Otto Frank.....Manilla
True Fuller.....Green Mountain
H. L. Gillis & Sons.....Mystic
H. M. Groff.....Fairfax
C. F. Henrichs.....Victor
Delbert W. Haws.....Runnells
J. S. Harl & Sons.....Bloomfield
Hoelscher Bros.....Arcadia
Edward Hamann.....Sunbury
J. M. Irons & Sons.....Laurel
Earl H. Irwin.....Early
Howard Jones.....Altoona
Enoch Johnson.....Galva
Johnson Bros.....Ida Grove
Allen Kelso.....Allerton
W. J. Kiehl.....Mechanicsville
I. E. Kemp.....Marion
Roy Koster.....Gladbrook
L. W. Larson.....Greenville
Harvlawn Farm.....Atlantic
Mallory & Mallory.....Hampton
Leroy S. Miller.....Clarinda
James Moffatt.....Tipton
Edd Murr.....Columbia
Otto Nobis.....Davenport
Leslie Oliver.....Williamsburg
P. K. Pratt.....Walnut
Robinson Bros.....Masonville
Ralph Rayner.....Iowa City
Irish Ridge Farm.....Burlington
Seeley & Cash.....Mt. Pleasant
O. H. Steeve.....Clarinda
C. E. Shawver.....Knoxville
Henry Schmuecker & Sons.....Amana
John M. Sheets.....Maquoketa
Earl Stepp.....Kellogg
Cornelius Thines.....Preston
G. L. Thompson.....Lamont
Morgan & West.....Altoona

Some of the sires represented include **Bell Boy M. K., Envious Blackcap B. 6th, Barb Revolution, Elder Boy 2d, Renomar 2d, Epic Baron, Blackcap Bandolier, W. Wiltonian, Bandolier 16th of Wilton** and many others which have helped to make Angus history. The families are the best. A fine lot of cattle, the sort that will make a profit. All cattle **T. B. and Bangs Tested.** Plan to come. Ask now for **FREE** catalog, mentioning this publication. Address

HERBERT CLINE, Secy., BUSSEY, IOWA

Auctioneers, Roy Johnston and J. E. Halsey.

Annual Meeting and Banquet, Montrose Hotel, 6:30 P. M., Friday, March 16th.

Second Prize Gilt at Nebraska State Fair. No. 1 in Catalog.

DUROC BRED GILT SALE

at farm 7 miles west and 4 miles north of

PLATTSMOUTH, NEBR.
MON., FEB. 26, 1945

45 HEAD—40 **spring and 5 fall gilts.** The Tops of the Cornbelt bred to CORNBELT TOPS, first prize boar pig at the Iowa State Show 1944. You will find gilts to please the most particular buyer. Ask now for FREE catalog, mentioning this publication.

LEONARD C. STOEHR, PLATTSMOUTH, NEBRASKA

Auctioneer: H. J. McMurray

ZIMMERMAN'S

Hampshire Bred Sow Sale

40 Head of Choice Hampshire Sows

HARLAN, IOWA, SATURDAY, MARCH 3, 1945

I am selling some wonderfully choice spring gilts in this sale and a few fall sows. These are bred to Century Bombadier, by Century Rogers Roller, the $1,000 boar. This boar was the senior champion at the Nebraska state fair and he is one of the greatest boars in this breed. Many of my best sows are bred to him. The remainder are bred to Sugar Grove Roger, the second top boar in the Sugar Grove sale. Twenty of my sows are bred to Century Bombadier, and you will all want a litter by him. Sixteen sows are sired by Whirlwind Special, the 1942 junior champion in the Iowa show at Marshalltown. Others by Rogers Echo Roller, a son of Rogers High Roller. Gilts will weigh 400 lbs. and better. Write for my catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

ROMAN J. ZIMMERMAN, HARLAN, IOWA

Chas. Taylor and Marion Armentrout, Auctioneers. M. T. White, Fieldman.

"VICTORY EGGS"

When your egg money becomes "war stamp money" it helps drop "victory eggs" on Hitler.

Sharing

MAKES FARM FOLKS GOOD NEIGHBORS ON TELEPHONE LINES, TOO

Especially on farms, where distances are great and telephone service is so important in spanning the miles, good neighbors share their telephone line, too — keep their conversations as brief as possible — allow intervals between calls — answer only their own ring — and keep the receiver on the hook at all times except when they are telephoning.

Farm line service is better for everyone on the line when all share the line fairly.

NORTHWESTERN BELL TELEPHONE COMPANY

From where I sit ... *by* Joe Marsh

Trophies of a Happy Marriage

The Cuppers are about the happiest married couple in our town. Comfortable off, too, after Dee's fifty years of honest work. But their two most prized possessions are an old beer mug and an 1890 Floradora hat.

When they were first married Dee allows he couldn't stand the hat; while Jane turned her nose up (privately) at Dee's fondness for a friendly glass of beer from time to time. But each figured it was the other's right . . . so they lived and let live.

And as time went by, they realized that the hat and mug had become important symbols in their marriage—symbols of their decision to respect each other's rights and little differences of opinion.

From where I sit, a lot of marriages would be happier if there were more funny-looking hats and old beer mugs in the background. Tolerance is a mighty good foundation for living happily together.

Joe Marsh

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PUREBRED DUROC BRED GILT SALE

IOWA FALLS, IOWA, MONDAY, FEBRUARY 26th

35 GILTS sired by our proven sires and bred to our nationally known herd boars for March, April and May litters. Same breeding as those sold in our earlier sales. Write for **FREE** catalog.

IOWA FALLS DUROC BREEDERS ASSN., IOWA FALLS, IOWA

Auctioneers: C. O. Highland, Jack Brown

NEW FARM
MACHINERY

CORNPICKERS—2-row, mounted-type for W. C. Allis-Chalmers, Farmall H, F-20, and Oliver 70 tractors.

CORN ELEVATORS—Large, portable, heavy all-steel. Complete with wagon hoist, speed jack, and half-round telescoping spout.

TRACTOR HAY SWEEPS—for almost all makes of tractors.

Heavy Duty Grain Blowers

CULTIVATORS—2-row tractor mounted type for Allis-Chalmers, Massey-Harris, International, John Deere, and Oliver 70.

Our limited quantity of this scarce, much-needed new farm equipment will go fast. Write today for full description and prices.

FARM SUPPLY CO.
Dept. W-1 Hamburg, Iowa

NOW AVAILABLE
Trojan ALL YEAR HOG-WATERER

NO HEATING UNITS
NO LAMPS-NO FLOATS
NON-FREEZING

Provides constant supply of clean, fresh water. Saves time and labor—prevents water waste — safeguards health. Quickly attached to barrel or tank. Factory price $3.25. See your dealer or order direct, adding 75c for postage—will refund if less. Money back if not satisfied.

AUTOMATIC IN ACTION!

Standard Manufacturing Company
BOX 10 CEDAR FALLS, IOWA

60th Special Dairy Sale

Council Bluffs, Iowa
10th and Ave. G
Tuesday, Feb. 20, 1945

One hundred head of Guernseys, Holsteins, Brown Swiss and Milking Shorthorns consisting of a carload of open heifers ready to breed or bred for late spring and summer calving; two car loads of recently fresh and heavy springer cows and heifers and 20 baby heifer calves. For this 60th special event I am importing a large offering of good dairy stock. All T. B. and Bang's tested.

M. C. McKelvie, Sale Mgr.

YOU'LL SAY IT'S WONDERFUL FOR
Sore Back

Want REAL relief from your sore, stiff, aching back? Then get a bottle of Sayman Liniment and massage it on gently. Feel "tight" muscles loosen up, pain subside, soreness vanish. Works FAST . . . costs only 50c—is simply wonderful for muscular aches, pains, stiffness and soreness due to local congestion caused by exposure, fatigue or over-exertion.

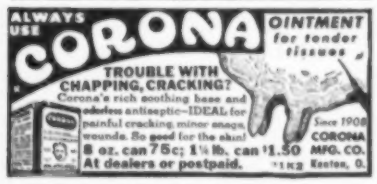
SAYMAN LINIMENT
Made by the Makers of SAYMAN SALVE

ALASKA HIGHWAY
AND
GREAT PEACE RIVER EMPIRE

Cheap land on Uncle Sam's great Alcan Highway; wheat 40 bus. acre; alfalfa, cattle raising and mixed farms. Hard coal in abundance. Timber. Mining. Oil development. You helped build the Alcan; cash in on it. Last frontier land. Send $1.00 bill for our special Compendium of Information.

ALASKA HIGHWAY NEWS
Fort St. John, B. C., Canada
(Contains official advts. Governments of Canada and British Columbia.)

ALWAYS USE **CORONA OINTMENT** for tender tissues



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and Blasting Supplies. The new improved Non-Headache, Non-Freezing, Safety dynamite. Makes blasting pleasant and easy. Dealers, Agents, wanted. Price list on request.

BOWEN'S SUPERIOR EXPLOSIVES
Box 25 Mason City, Iowa

AUTO AND TRUCK PARTS

Generators, differentials, gears, wheels, body parts, etc. Used or reconditioned. Everything you need to keep your car in shape. Write us your problems. We'll help you.

H & H AUTO PARTS
2949-WF DEARBORN CHICAGO 10, ILL.

DELCO 32-volt Equipment Wanted! Radios, irons, vacuums, motors, fans.
SOURS SEED STORE IOWA FALLS, IOWA

SHORTEN THE WAR—BUY A BOND!

Livestock News

The Nick N. Kirsch Poland China sow sale at Carroll, Iowa, on January 23, resulted in an average of $120 on 41 head, and it was a splendid sale. The offering was in nice condition, and the attendance was very good. The top sow was No. 89, and she went to Glen Kirchof, Marcus, Iowa, at $185. Leonard Anderson, Linn Grove, Iowa, took No. 87 at $180. E. J. Berg, Odebolt, Iowa, took No. 100 at $150; Jeane J. Jacobson, Delmar, Iowa, took No. 96 at $145, and Alfred Goettz, Elmore, Minn., took No. 77 at $155, also two or three others at from $125 to $135. Art Armbright, Dakota City, Neb., selected No. 92 at $167.50, and Henry Saggau chose No. 70 at $160. F. L. McKay, Ida Grove, Iowa, bought three or four sows at an average of $135 per head. Wm. Fudge, Atlantic, Iowa; Harold Joyce, also of Atlantic; Harry Holt, Guthrie Center, Iowa; John Sporrer, Dedham, Iowa; Frank Sailor, Carroll, Iowa; H. W. Springer, Grand Junction, Iowa; Clarence Wiese, Marne, Iowa, and W. J. Watts & Son, Clarence, Iowa, were all good buyers of the higher selling sows in the sale. Col. H. S. Duncan was the auctioneer

The 24th Milking Shorthorn sale, Mason City, Iowa, January 20, under the able management of Roy A. Cook, was successful. The top female was Violet Lane Amy, from the A. E. Eschen herd, and sold for $480 to Keith King, Victoria, Ill. Fairview Gwendoline, from the herd of Glenn Ladwig, went at $400 to W. S. Schroeder, Hortonville, Wis., who was a heavy buyer in the sale. The top bull, Walgrove Prince Charming, sold for $410 to A. C. Wiese, Manson, Iowa. The 33 cows averaged $234, with 11 bulls at $200 and the 44 lots at a general average of $226. Auctioneer, J. E. Halsey.

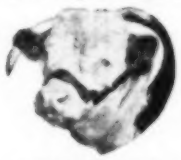
Annual Hereford Roundup Sale!

Monday and Tuesday
February 26 and 27, 1945
Kansas City, Missouri

To be held in Barn No. 3
19th and Wyoming, Kansas City Stockyards

400 Bulls ***100 Females***

Consigned by 100 breeders



REMEMBER
Bulls for Everybody in the ROUNDUP

The Breeder **The Ranchman** **The Farmer**

DON'T MISS THE ROUNDUP

Free Catalog on Request Only.
When writing please mention this publication.

AMERICAN HEREFORD ASSOCIATION
300 West 11th Kansas City, Mo.

TOPS, 1943 Iowa Junior Champion

DUROC SALE

At farm located 10 miles northeast of Ames

Thursday, Feb'y 22d

50 HEAD—30 Gilts, 20 Fall and Tried Sows

A grand offering which includes many sired by the great boar, **TOPS** (illustrated here) 1943 Iowa Junior champion. They will be bred to **SECO DEEP SET** by Seco Low Down and **THE KING** by King Orion. Choice tried sows bred to **TOPSON.** Best in quality and breeding. Plan to attend.

Harlan Harper & Sons
STORY CITY, IOWA

Registered Holstein DISPERSAL

7 miles west on Highway No. 9

OSAGE, IOWA, FRI., FEB. 23

30 HEAD—15 fresh and springer cows; 15 fresh and springer heifers. Aforementioned springers forwarded to the DICTATOR MAN-O-WAR JEWEL top bull used. One of the oldest herds in northwest Iowa. Fifteen years of continuous testing in association. B.H.I. records will be given day of sale. Bangs certified herd.

BOSWORTH & OLSON, OSAGE, IOWA
Ben W. Mouw, Auctioneer

POLAND SALE

in heated barn at farm

TUESDAY, FEB. 27, 1945, BRITT, IOWA

40 HEAD—30 spring gilts, sired by VICTORY ROUND, PORKY and THE PAY OFF; 10 fall gilts sired by PORKY. Bred to PAYMASTER, whose brother sold for $510 in our fall sale, by The Pay Off; NEW VERSION by Pioneer Star Defense, grandson of North Star and A's Defense. All are short legged, modern type and easy feeding kind, bred to three top rated boars of the breed. Plan now to attend.

O. W. FRIEDOW, BRITT, IOWA
Auctioneer: H. S. Duncan.

GET THE FACTS ABOUT

BERKSHIRES

Grand Champions in the carlot at America's No. 1 Market Show in Chicago six years straight. Champions before the war. Champions during the war. Market toppers after the war. Now is the time to get the facts about Berkshires—to lay your future hog raising operations on Berkshire more efficient production, and highest market value. Write the AMERICAN BERKSHIRE ASSOCIATION, Springfield, Illinois

MINNESOTA
Berkshire Sale

In sale pavilion fair grounds
BLUE EARTH, MINN.
WEDNESDAY, FEBRUARY 21, 1945

Forty Choice bred gilts and fall sows carrying their first litters, selected from the leading herds of the state, the top gilts from good herds. **SHOW at 10:00 A. M.** and **SALE** starts at **1:00 P. M.** Plan to come. Ask now for **FREE** catalog mentioning this publication. Address

Harold Golly, Mgr., Winnebago, Minnesota
MINNESOTA BERKSHIRE BREEDERS' ASSOCIATION

KNABE'S
HAMPSHIRE BRED SOW SALE
Nehawka, Neb., February 21st

Selling 55 head—10 head of tried sows, 5 Fall gilts, 40 Spring gilts. This is my 52d sale; it is by far the best offering I have ever sold. Bred to three great boars, Bouncing On, Blue Chip and Priority. These boars all have a world of bone, in fact, I do not think there is any Hampshire boars with any heavier bone than these, and that is what this Hampshire breed needs, believe me. Also selling some fall boar pigs. Write for catalog and please mention this paper.

Harry Knabe, Nehawka, Neb.
Bert Powell, Auctioneer

Jack & Jennet Sale

In heated pavilion
KIRKSVILLE, MO., MONDAY, MAR. 5th

50 HEAD A choice consignment from J. L. Hetzler, Atlanta, Mo., and C. H. Spurgeon, Williamstown, Mo., and others. For FREE catalog write

C. H. SPURGEON, WILLIAMSTOWN, MO.

Minnesota Spotted Polands
Sleepy Eye, Minnesota, Feb. 21, 1945
40 BRED SOWS—6 Fall Boars; 6 Fall Gilts

The tops from 20 of Minnesota's leading herds, all rich in pedigree and excellent type. Bred to outstanding boars. Ask now for FREE catalog mentioning this publication. Address

FLOYD J. GRAHN, Mgr., Willmar, Minn.

FEEDER CATTLE FOR YOUR SOFT CORN
Wire or Phone K. L. Peterson & Co.
STOCK YARDS KANSAS CITY, MO.

Giant Chinchilla Rabbits

Valuable fur. Delicious meat. Easily raised. Pleasant pastime. Large profit. Free booklet explains how investment of $65 can return 1000%.

WILLOW FARM, R.4, SELLERSVILLE, PENNA.

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WALLACES' FARMER and IOWA HOMESTEAD
Des Moines, Iowa

WALLACES' FARMER Iowa Homestead
READ BY MORE THAN
92%
of ALL THE FARM FAMILIES IN IOWA

Iowa Hereford Cattle Breeders' Assn. Sale

Sioux City, Iowa
Monday, March 5, 1945

40 Head

35 Bulls—5 Females

CONSIGNORS

J. H. Bradford.....Fonda	D. A. Spooner.....Mondamin
Joseph Trimble.....Galva	Westensee Co.....Galva
Chas. Lorensen.....Hartley	Spooner & Young.....Mondamin
Dick Hinkeldey.....Alta	Gerald Baumeister.....Hartley
Geo. M. Schumacher.....Carroll	N. V. Hansen.....Kingsley
	Harold L. Parker.....Ida Grove

We are selling 40 head of nice, well bred cattle in this sale. There will be 35 head of bulls and 5 cows and heifers. The bulls run in age from one to three years. There are a few tried sires, but the most of these are coming two years old. The females consist of cows with calves at side, and open heifers. The sires represented are Real Prince Domino, Don Domino 129th, Anxiety Prince, Colorado Domino 198th, Prince Domino Mischief 97th, Anxiety J. Domino 38th, Royal Domino 11th, Supreme Anxiety R. 35th, Premier Domino 3d, Intense Domino and others. There are some outstanding young bulls in this sale, and quite a number of these will do to head any of our best herds. If you are looking for a herd bull by all means arrange to attend this sale. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

F. W. Ketelsen
Manager
Everly, Iowa

Col. A. W. Thompson, Auctioneer
M. T. White, Fieldman

North Central Iowa Shorthorn Breeders' Sale

In comfortable sale pavilion

Garner, Iowa, Tues., Mar. 6

55 Head

25 DESIRABLE BULLS
30 RICHLY BRED FEMALES

A desirable lot of cattle selected from herds in this section where good dependable Shorthorn cattle are produced and include many good rugged bulls ready for immediate service and females you will like, a few with calves, bred cows and heifers and attractive open heifers. The consignors are:

Ben G. Studer.....Wesley	J. M. Stevenson.....Mason City
R. W. Hagie.....Clarion	F. A. Pringnitz.....Kanawha
P. A. Rasmussen.....Goldfield	W. T. Johnson & Son.....Latimer
Walter Eno.....Sheffield	George Cuckie.....Duncombe
Chas. Knutson & Son.....Ft. Dodge	John Williams.....Blairsburg
Holz Bros.....Rippey	W. P. Lorenzen.....Ogden
P. H. Warrick.....Dickens	Aldinger Bros.....Ackley
Fred Gugisberg.....Renwick	Ray Beismier.....Moorland
Nels Danielson.....Badger	Robt. Faint.....Aplington
Wm. Stanek.....Ft. Dodge	Warren Wattonville.....Jolley
Carl A. Henkel.....Mason City	Frank Eslick.....Dayton

And others

Those looking for desirable beef cattle will find this a splendid place to make profitable selections. The blood lines are reliable. The sort of cattle that will make good on Corn-belt farms. Make plans now to attend. Ask for **FREE** catalog mentioning this publication. Address

R. W. HAGIE, Sale Mgr., CLARION, IOWA
Auctioneer J. E. Halsey

Annual March Sale

Western Iowa Breeders

Eastside Sale Barn

Carroll, Iowa, Mon., Mar. 5th

Horned and Polled Herefords
27 BULLS
14 FEMALES

Richly-bred bulls and females, well conditioned, that will prove profitable investments. Sales here at Carroll have turned out a lot of top bulls the past 3 years as well as desirable females . . . good females . . . not a lot of 'em, but all good. The Iowa consignors are:

E. P. UNGRUE, Auburn (Dispersion)	LOUIS WIEDERSTEIN, Audubon
LAURENCE JEFFERS, Laurens	ELMER MEYER, Sac City
M. C. TOYNE, Glidden	JOHN H. TIGGES, Rockwell City
HERBERT ULLERICH, Manning	JOHN EVERTS, Fonda

R. H. PERRYMAN, Red Oak, and others.

Mr. Perryman consigns an outstanding tried Polled bull. There are many others that will make good herd sires. Plan to attend. Ask for **FREE** catalog.

FRANCIS T. MARTIN, Sale Mgr., WALL LAKE, IOWA
Auctioneer J. E. Halsey

SPECIAL NOTICE: A grand lot of commercial females, about 50 head. What great Baby Beef they'll raise. What's safer on corn-belt farms than Baby Beef raising? Some splendid open heifers, all Polled, his 1944 crop of calves and about half of them choice steers. See these good things; they will be money makers Come early, inspect the offering.

CALARA BERKSHIRES

To be held in heated building—West Truck line garage in

Mason City, Iowa
Tues., March 6th

2nd Sale of 1945

40 Head

The mighty $2,000 MODERN GRENADIER 462597. He is the highest priced Berkshire boar of his age in 20 years. A boar with a great head, smooth, thick, deep bodied, mammoth ham, trim head, and excellent feet and legs.

A fine offering which are sired by **MODERN GRENADIER, SUPREME LAD 4th** and **CALARA PANORAMA 2d.** The daughters of **MODERN GRENADIER** will be mated to **MAYBERK NEWS LADDIE 2d,** a favorite of **Central National** show. **SUPREME LAD 4th** gilts bred to **MAPLKREST MARVEL,** son of 1943 grand champion sow at **Central National** and the great **MAESTRO OF OAKWOOD.** A good place to secure seed stock. Farmers and Breeders will want to attend. Ask now for **FREE** catalog, supply limited. Sent only on request to those who apply mentioning this publication.

CALARA FARM, THORNTON, IOWA
C. A. HENKEL, Owner, Mason City, Ia.
Ben W. Matern, Mgr., Thornton, Iowa — Auct. G. H. Shaw

IVAN M. OLSEN & SON'S SALE

Royally Bred Hampshire Sows

FIFTY HEAD
45 GILTS—5 FALL SOWS

At Council Bluffs, Iowa
FEBRUARY 27, '45

THE FREIGHTER, AT 10 MONTHS

Sale will be held at the McKelvie Sale Barn, in town.

Our sows are bred by The Freighter, an outstanding fall boar, sired by Conscription, and he is one of the best fall boars of the winter season. Others are bred to ROYAL BLUE, he by Steam Glory, and he is a full brother to the Warren Plaeger spring boar that won grand champion at the Nebraska state fair last fall. We have a grand lot of gilts in this sale, many that will weigh 400 lbs. and better and bred in the best blood known to the breed. Quite a number of 400-lb. gilts in our sale, and they are tops. These gilts are sired by Sugar Grove Jr., by Gardner's Roller Jr., and Whirlwind Decorator, by Whirlwind Special. One gilt by Royal Flash and one by Roller's Fashion, both bred to Royal Blue. Sale at 1:30 P. M. Write for our illustrated catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

IVAN M. OLSEN & SON, COUNCIL BLUFFS, IOWA
Col. H. J. McMurray, Auctioneer. — M. T. White, Fieldman.

Danielson's Hampshire Sale

In comfortable 4-H Club barn

NEVADA, IOWA, WED., FEB. 28th

45 Splendid, Well-Bred Gilts

A fine lot of gilts, well grown, with type and merit, sired by **HAWKEYE ROLLER 2d, SUGARFOOT** and **HAWKEYE PRAIRIE ROLLER.** Rich in pedigree. They are mated to **GLENDALE CENTURY,** top pig in the John Volk & Son sale, a son of **GRAND WINNER,** he by Grandenough out of a Century Roger dam. Breeding and quality that will please. Plan to attend. Ask now for **FREE** catalog mentioning this publication.

DANIELSON BROS., NEVADA, IOWA

FINANCING for Farmers

When you need money to purchase a tractor, combine, corn picker, hay baler, automobile, truck, pickup or dairy cows, write or see us first. You will like our many convenient repayment plans and friendly personal service. If you need help in refinancing present indebtedness on personal property—consult us without obligation—in most cases we can help you. The cost is low and the transaction can be handled by mail anywhere in Iowa or adjoining states.

Stern Finance Co.
736 Des Moines Bldg. Des Moines, Iowa

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DAIRY BULLS. Brown Swiss—one proved sire and one bull calf. Holstein and Ayrshire bulls from two months to serviceable age.

BELGIAN HORSES. Stallions—all chestnuts. One coming three years old, one coming two years old, and three yearlings. Priced to sell. Also some Belgian mares. Write

ANIMAL HUSBANDRY DEPARTMENT
IOWA STATE COLLEGE AMES, IOWA

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AUCTIONEER
Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645; Business 3-6181.
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Box 8, DECATUR, INDIANA

WINNING OF PROVEN SIRES, PLACINGS OF GET
and gets individual Grand Champion to 8th breeds' show International or National Dairy, informed in selling: "Sire by 1st sen yearling '39 and his get has won GC 3/c 3/1 4/6 to 8, dam by," etc. Each breed sold. Post-breeders. Course. G. F. Sargent, Auct. & Pres. Sargent's Intn'l. Auction College, 1106 4th, Sioux City 12, Iowa.

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HORNLESS

The ideal breed for Corn-Belt farmers . . . they prefer cattle without horns. The most popular breed in farmers' feed-lots today. They mature early, respond to feed . . . make rapid gains and are market-toppers. Improve your herd with a **POLLED HEREFORD** bull. Ask for **"ADDED VALUE,"** a FREE Illustrated booklet, also list of breeders.

AMERICAN POLLED HEREFORD ASSN.
518 Old Colony Bldg., Des Moines, Iowa

YOUNG ANGUS COWS

Fifteen head, 3 years old in spring; 20 Head, 4 years old in spring. These are of the best tribes, short legged, modern type, and are bred to real herd bulls; begin calving soon. If you want Angus at reasonable prices, come see them.

W. H. COOPER
Hedrick, Iowa

HEREFORD BULLS

Choice bulls by ROYAL STAR, grandson of WHR ROYAL DOMINO 51st. Visit us and see these bulls.
G. G. AMOS & SON, INDIANOLA, IOWA

POLLED HEREFORDS

Offering several grandsons of Noted **HAZFORD RUPERT 81st**, International grand champion and sire of champions. Quality and breeding. Reasonable prices.
WM. McARTHUR & SON, MASON CITY, IOWA

OAK GLEN ANGUS

Herd established in 1899. Now offering 7 very choice yearling bulls. The real thick, deep bodied kind. Sired by QUEENMERE 354th. Come or write.
W. S. AUSTIN and SON DUMONT, IOWA

GRABNER HEREFORDS

Offering choice bulls and heifers. Sired by **Real Prince Domino 159th.** Modern beef type and best of breeding.
JOS. T. GRABNER & SON BREDA, IOWA

HEREFORD BULLS

Our senior horned 3-year-old bull **CLAYTON DOMINO 19th.** Dark color, low-set, thick, gentle. Also yearling bulls. Reasonable.
JOSEPH A. SKOW WESLEY, IOWA

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2 herd sires, 6 yearlings, 10 bull calves. Also cows and open heifers.
AXEL L. JOHNSON MANSON, IOWA

SHORTHORN BULLS AND HEIFERS FOR SALE
I am offering four nice young Scotch Heifers, two Mayflowers and two Nonpareils, also two nice Scotch bulls. These are well bred, and I want to sell as I need the room. Write, phone, or come and see them. Address
ERNEST McDERMOTT WIOTA, IA.

Polled Shorthorn Bulls

Sired by **Dales Crown** and **Shadybrook Knight.** Farm on paved highway No. 169. 30 miles north of state line.
BERT A. HANSON, VERNON CENTER, MINN.

BE PATRIOTIC! BUY A BOND NOW!

BEEF CATTLE

Maxwalton Glory X2059039 the sire of the calves

Z. T. Dunham's Sons are offering at private sale 20 or more Polled Shorthorn bulls and heifers, 10 to 15 months old, of the best bred Scotch breeding of the beef and milk type. Sired by Maxwalton Glory by Maxwalton A Wen X1720811 out of Maxwalton Gloster 64 A. Splendid milk and beef type whose calves within the past two years have stood first and grand champion at Chicago, Illinois, and Ohio Congress and Show sales, selling for $1,450, $1,500 and $2,500. P. G. Ross of Mansfield, Ohio, breeder whose show herd has been taken from the Carpenter & P. G. Ross herd, tracing from the highest awarded herd, viz., White Hall, Avondale and Browndale foundation. Among the dams of the 20 offered will be found Duchess of Gloster by Ceremonious Sultan, 30 times grand champion, four times at Chicago International; Orange Blossom 19th by Red Dale, an intensely bred Browndale Clipper and Branch herds by intensely Browndale and Avenels and Rodney 753232, that sold for $16,000, and Scotch Lochdale that stood first and grand champion at Chicago International 1917, selling for $5,100.

Farm 1 mile northwest of town.

Z. T. DUNHAM'S SONS
DUNLAP, IOWA

DAIRY CATTLE

For *better* TYPE
Ayrshires are built right,

especially in feet, legs and udder—where cows first go wrong. No breed so sturdy, active and vigorous.
Write for literature and list of breeders near you with stock for sale
Ayrshire Breeders' Association
47 Center St., Brandon, Vt.
RAISE AYRSHIRES

JERSEY BULLS

Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs. Now for lease an aged bull on inexpensive terms.

J. J. NEWLIN
Polk County Johnston, Iowa

JERSEY BULL BARGAINS

Sire imported and out of daughters of im-sire. Also others. Free list. Prices you can afford to pay.
ENNIS STOCK & DAIRY FARM,
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JERSEY HEIFERS

Seven first and second calf heifers. Butterfat records. T.B. and Abortion clean.
PAULUS JERSEY FARM,
UNDERWOOD, IOWA

PUREBRED JERSEYS

Fresh heifers, cows, and heifer and bull calves. Also yearling bull cheap.
R. F. HOOVER & SON,
R. 2, OSKALOOSA, IOWA

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Offer 3 Registered, vaccinated, Guernsey heifers 6 months old and bull unrelated. Our 3 Lanawater Herd sires 23 nearest Dams averaged 823 lbs. fat. Send for new 1945 **FREE** Booklet.
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Mukwonago, Wisconsin offers 5 to 30 high-grade beautifully marked, month old heifer calves at $30 each, delivered on approval, also older heifers. All have real quality and are tested.

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Bred for type and production. Priced reasonable.
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MONTICELLO, IOWA

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Veo. H.I.R. Tested Class.
Bull—Calves to Service Age
Heifers—Open and Bred
JOHN CREGER, Mgr. WAUKEE, IOWA
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High Grade Holstein Heifers

Offering choice month old heifers, in lots of 5 to 20, at $32.00 each delivered.
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Choice month old heifer calves without papers, laid down at your station $31.50 each, the right kind.
CLAYTON CHANDLER
Route 2 Lake Geneva, Wisconsin

BULL AND HEIFER CALVES

Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
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MILKING SHORTHORNS FOR 4% MILK & GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions *prove* that Milking Shorthorns are best all-round breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the facts—FREE! Or read Milking Shorthorn Journal. Trial subscription six months 50¢, one year $1.00.
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MILKING SHORTHORNS

For sale 10 choice cows or bred heifers. Your choice of 20 head. Also 14 bulls from calves up to serviceable age. Bulls good enough to head the best herds and bulls at prices any farmer with 10 cows can afford to pay. We offer one of our **Herd bulls.**

THE MYSHA HERD
MELBOURNE - IOWA

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Milking Shorthorns At Private Sale

Because of poor health and the labor shortage we are offering 200 head, or two-thirds of our herd for sale. Bulls from 2 to 14 months. Females from 2 months to mature cows. The best of Bates-Clay and Imported English families, with the highest milking ancestry possible to get. Priced to sell. We will also sell 100 of our purebred Dexter cattle.
Peerless & Belle Vernon Herd Decorah, Iowa

Milking Shorthorn Cattle

Established 1892. Breeding Herds in Rock County, Wisconsin.
We offer quality young **bulls** from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Also a few choice **females** are offered. Visit herd—it speaks for itself in production and conformation. REASONABLE.
R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

RED POLL DISPERSAL
Our famous herd of 52 head to be sold at the farm, MARCH 20, 1945. Includes our two great herd bulls, DOUBLE PERFECTION and REDVIE FASHION. Write for free catalogs to F. A. Sloan, 3234 Stary Street, Lincoln 3, Nebraska.
HUGH K. POPE, Owner, YORKVILLE, ILLINOIS

RED POLL BULLS
Choice registered bulls 8 to 15 months old, reasonably priced. Dual purpose kind backed by show and production records. A number sired by a 1st prize National Show winner. Herd is T. B. and Bang's accredited.
J. H. AULTFATHER & SON, AUSTIN, MINN.

Dual Purpose Shorthorns

Bulls of all ages. Priced reasonable.
JOE SPALLA,
Rt. 2, Ridgeway, Iowa

HOGS

Poland China Gilts

Forty very choice bred gilts of **March** and **April** farrow . . . the easy-feeding kind, will weigh between **300-lbs.** and **400-lbs.** They are out of one of the best sow herds in **AMERICA,** and carry most popular blood lines. Bred for **March** and **April** farrow, to two of the best boars of the breed, **MODERNE,** is a Production-bred pig, and **DRESS PARADE** by Modern Pioner. Gilts will please most critical buyers. **Prices** are **right.** Come and see them or write for description. **Satisfaction guaranteed.** Farm northeast edge of town.

TOM VINT
SPENCER IOWA

35 DUROC GILTS

Big, rugged, smooth, easy feeding type, with heavy bone and plenty of ham. Mated to outstanding boars. One crandson of **VICTORY KING,** 1943 Minn. State champion and grandson of **PACKER BOY.** Rich in breeding, pleasing in type. Bred for March and April farrow. **Priced right.** Act now.

C. E. LOUDEN & SON
Grinnell, Iowa

SPOTTED POLAND SALE

Feb. 24—Fair Grounds, SPENCER, IOWA
40 HEAD — Spring and fall gilts, mostly sired by SILVER'S TYPE by Silver Tone, bred to PACKER'S DREAM, by Sunny Jim 11. **Model Boy** by Right Model. **Defense Comet** by Defense Bond, by a Silver Bomber dam. **Broad Type 11** by Peacemaker, by a thick Spot Dam.

JOE HOLLAND
Ocheyedan, Iowa

Registered Spotted Polands

Choice gilts bred for March farrow, also good fall pigs, either sex, by **THE ROCKET** by Midway. Breeding stock with bone and quality. Real tops. **Priced right.**
W. E. BRENTNALL PRESCOTT, IOWA

BERKSHIRE SOW SALE

Feb. 19—At Farm.
Refer back to Feb. 3 issue for large ad. Farm 17 miles west of Cedar Rapids on F. S. 30.
LEO BODDICKER NEWHALL, IOWA

OAK GLEN POLANDS

Offering 35 bred gilts, choice breeding, outstanding individuals, modern type. Bred to superb boars. Also splendid fall boar pigs. Write for particulars.
W. S. AUSTIN & SON DUMONT, IOWA

Registered Hampshire Sows

Choice bred sows, champion blood lines. Bred to $600 boar, SUGROVE'S SCORE, top son of famous $5,525 All-American, Golden Roller Conqueror, and $750 Broadcaster. Priced reasonable.
EDMOND STONE & SONS CHARITON, IOWA

We Prepay Express Charges

and Ship C. O. D. pedigreed Chester White bred gilts and fall pigs, pairs no akin, cholera immuned. Smooth, blocky type. Herd established in 1898. No dissatisfied customers.
B. M. BOYER & SONS, FARMINGTON, IOWA

Hereford Hogs

Bred gilts. Boars. Pigs. Unrelated. Home of **Fashion Corrector.** Circular.
YALEHURST FARMS PEORIA, ILLINOIS

SPOTTED POLAND GILTS

Choice registered sows and gilts bred for March and April to **FOND HOPE** and **ROYAL ACE.** Also good thick fall boars and gilts. Rich breeding. **REASONABLE**
LUTHER GOLDBERG ESSEX, IOWA

HAMPSHIRE BRED SOW SALE

March 2, 1945. Chariton, Iowa. 50 top registered sows, 5 boars. Bred to breed's outstanding sires; hogs in southern Iowa sell at bargains. Write for catalogue.
EDMOND STONE & SONS, CHARITON, IOWA

SPOTTED POLAND CHINAS
Pure bred spring gilts sired by PROUD LAD, TYPESETTER and other good boars, bred to boars from the Karl Carlson, Earl Kellogg & Sons and F. L. Jackson herds. Also a few fall pigs of either sex. 2 N., 3¾ W. Alta, 3 E. Aurelia.
FORREST HULTGREN ALTA, IOWA

When writing to advertisers, will you please mention this paper.

HEREFORD HOG SALE

At farm, 2 miles west, 1¾ north of
LAKE VIEW, IOWA, FEB. 22d

75 HEAD There will be 32 spring gilts, 12 fall gilts and 10 tried sows by **DICK, FASHION TYPE, ESCALATOR, RETER** and **SAC CREATION.** Bred to **DREAM MODEL 1st** by the mighty Dream Boy, **SQUARE PRINCE, DICK, FASHION TYPE** and **SUNBEAM.** Best in blood lines. A splendid lot mated to great boars. Ask for **FREE** catalog mentioning this publication.
HAROLD C. LONG LAKE VIEW, IOWA

HOGS

IOWA BERKSHIRES

The farmer's most profitable hog. Real market toppers. Ask now for FREE directory.
EUGENE E. FITZ, Secy. Melbourne, Ia.

Registered Hampshires

Have several top quality gilts to farrow in March and April. Also some good fall boars sired by **VICTORY BOUND.** Priced reasonable. Will ship on approval.
EMERY A. RIEMENSCHNEIDER
Pierson, Iowa

HEREFORD HOGS

Owing to conditions will not hold public sale. Write for **FREE** details on bred sows and gilts. Originators.
JOHN C. SCHULTE & SONS, NORWAY, IOWA

10 HAMPSHIRE GILTS

bred to farrow late March and April by **GRANDIOSE** by All-American, Grand Hi Roller. Bred to **Glory Bound Ace** by Reserve, All-American Glory Bound. 10 top fall boars. All thick with Guaranteed. ALBERT J. LARSON, Ayrshire, Iowa.

REGISTERED HAMPSHIRES

Bred gilts, short-nosed, low down, heavy bred. Granddaughters and daughters of Harvest queen. Also bred sows with no Roller blood.
ALVIN FLAHERTY MT. LAKE, MINN.

SPOTTED POLAND CHINAS

Pure bred fall boar pigs. These are outstanding individuals. Also some good bred sows and gilts. If in need of some good breeding stock get in touch with
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GENUINE ENGLISH SHEPHERD PUPS.
(Heelers, no fooling.) (Year's trial.) Guaranteed.) Training instructions. Males, females, spaded females specialty. (Several partly trained.)
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WANTED TO BUY
Good English Shepherd or Collie pups.
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Heelers, Watch Dogs
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Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
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For sale. All ages. Natural-bob, English Shepherds. Guaranteed.
Wallace A. Winegar Brandon, Iowa

● We publish 1st and 3rd Saturday every month. Livestock copy must reach office 14 days before date of issue.

Up-to-Date News Of Coming Livestock Sales

ABERDEEN ANGUS

Feb. 24—Interstate Angus Assn., Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Feb. 28—S. C. Rogers, Milton, Iowa, and V. L. Banchman, Bloomfield, Iowa.
Mar. 1-2—National Show and Sale, Chicago, Ill.
Mar. 5—W. W. Hill, Baxter, Iowa. Sale at Marshalltown, Iowa.
Mar. 8-9—Heart of America Sale, Kansas City, Mo.
Mar. 16-17—Iowa State Show and Sale, Cedar Rapids, Iowa; Herb. Cline, Secy., Bussey, Iowa.
Mar. 22—Bureau County Breeders, Princeton, Ill.; J. Fred Baker, Mgr.
Mar. 24—Shelby County Angus Assn., Harlan, Ia.; Mrs. W. A. Kirschbaum, Secy., Defiance, Iowa.
Mar. 26-27—Nebraska State Show and Sale, Columbus, Neb.; M. J. Krotz, Secy., Odell, Neb.
Mar. 28—John & Elliott Brown, Rose Hill, Iowa, and Otto G. Nobis, Davenport, Iowa.
Mar. 29—Mercer County Sale, Aledo, Ill.; Hugh McWhorter, Secy.
Mar. 31—Illinois State Sale, Springfield, Ill.
Apr. 2—F. M. Bradley & Sons, Avon, Ill.
Apr. 3—Western Illinois Breeders, Quincy, Ill.; J. C. McLean, Secy.
Apr. 12—Central Illinois Breeders, Congerville, Ill.; S. E. Lantz, Secy.
Apr. 14—Charlton Valley Angus Assn., Knoxville, Mo.; Kenneth Conzelman, Secy.
Apr. 18—North Central Breeders, Chillicothe, Mo.; Lewis Anderson, Secy.
Apr. 19—Penney & James, Hamilton, Mo.
Apr. 30—Marion County Breeders, Knoxville, Iowa; Herb. Cline, Secy., Bussey, Iowa.
May 1—Iowa Southern Assn., Osceola, Iowa; Phaene Hibbs, Secy., Chariton, Iowa.

HEREFORDS

Feb. 26-27—Annual Hereford Roundup, Kansas City, Mo.
Mar. 5—Western Iowa Breeders, Carroll, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Mar. 5—Iowa Hereford Cattle Breeders Assn., at Sioux City, Iowa; F. W. Ketelsen, Mgr., Everly.
Apr. 20—Northeast Missouri Assn. Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Apr. 21—North Central Missouri Assn., Trenton; J. E. Stewart, Secy. Newtown, Mo.
May 19—Adel Hereford Sale, Adel, Iowa; Bernard Hart, Mgr., Grimes, Iowa.

POLLED HEREFORDS

Mar. 5—Western Iowa Breeders, Carroll, Iowa; Francis T. Martin, Mgr., Wall Lake, Iowa.
Mar. 3—Iowa Breeders Sale, Mason City, Iowa; Leigh Curran, Mgr.
May 19—Adel Hereford Sale, Adel, Iowa; Bernard Hart, Mgr., Grimes, Iowa.

SHORTHORNS

Feb. 19-20—Iowa State Show and Sale, Knoxville, Iowa; Chas. Garden, Mgr., Des Moines, Iowa.
Feb. 21—Spring Sale, South Omaha, Neb.; Mervin F. Aegerter, Mgr., Seward, Neb.
Mar. 6—North-Central Iowa Breeders, Garner, Iowa; R. W. Hagie, Mgr.
Mar. 7-8—Interstate Shorthorn Breeders Assn., at Sioux City, Iowa; F. E. Jackson, Secy. and Mgr., Hurley, S. D.
Mar. 19—Marshall County Breeders, Marshalltown, Iowa; J. H. Packer, Mgr.
Mar. 21—Illinois State Sale, Urbana, Ill.; H. L. Tulson, Mgr., Rochester, Ill.
Mar. 22—Breeders Sale, Lena, Ill.; Hal Longley, Mgr., 37 Island Ave., Aurora, Ill.
Mar. 23—Eastern Iowa Breeders, Cedar Rapids, Iowa; Donald Pennoyer, Mgr., Wellman, Iowa.
Mar. 24—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 37 Island Ave., Aurora, Ill.
Mar. 26—Shorthorn Breeders, Maryville, Mo.; Wm. F. Barber, Mgr., Skidmore, Mo.
Apr. 16—Southwest Iowa Breeders, Red Oak, Iowa; M. Lomas, Secy.
Apr. 17—Nebraska State Sale, Columbus, Neb.; Thos. Andrews, Mgr., Cambridge, Neb.
Apr. 21—Northeast Missouri Breeders, Wayland, Mo.; Leslie Young, Mgr.

POLLED SHORTHORNS

Feb. 22—Spring Sale, South Omaha, Neb.; Mervin F. Aegerter, Mgr., Seward, Neb.
Feb. 23—Albert Hultine & Son, Saronville, Neb., and Fred Blomstrom & Son, Waverly, Neb., at Lincoln, Neb.; Mervin F. Aegerter, Mgr., Seward, Neb.
Mar. 14—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 37 Island Ave., Aurora, Ill.
Mar. 2—South Dakota Breeders, Canton, S. D.; John F. White, Mgr.
Mar. 7—Iowa State Sale, Cedar Rapids, Iowa; Dave Livingston, Mgr., Washington, Iowa.

DAIRY CATTLE

Feb. 20—Sixtieth Special Sale Wisconsin Dairy Cattle, Council Bluffs, Ia.; H. C. McKelvie, Mgr.
Feb. 23—Bosworth & Olson Holstein Dispersal, Osage, Iowa.
Mar. 15—J. E. Rocke, Brown Swiss, Carlock, Ill.
Mar. 16—Paul G. Buenger (Brown Swiss), Eureka, Ill.
Mar. 20—Iowa State Holstein Sale, Waterloo, Iowa.

RED POLLS

Mar. 20—Hugh K. Pope, Yorkville, Ill.; F. A. Shan, Mgr., 3234 Starr St., Lincoln 3, Neb.

HORSES

Apr. 5-6—W. L. Elder, Saddle Horses, Des Moines, Iowa.

JACKS AND JENNETS

Mar. 5—Consignment Sale, Kirksville, Mo.; C. H. Spurgeon, Mgr. Williamstown, Mo.

BERKSHIRES

Feb. 19—Leo Boddicker, Newhall, Iowa.
Feb. 20—W. H. Zebrefss & Son, Colo, Iowa.
Feb. 21—Minnesota Breeders, Blue Earth, Minn.; Harold Golly, Mgr., Winnebago, Minn.
Feb. 22—C. S. Conover, Holstein, Iowa.
Feb. 24—Ray Haynes, Oelwein, Iowa.
Mar. 6—Calara Farm, Thornton, Iowa.

CHESTER WHITES

Feb. 19—Fred Mutschler, Geneva, Iowa.
Feb. 20—Andrew H. Bidne & Son, Lake Mills, Iowa.
Feb. 21—Clarence Smith, Jr., Cleghorn, Iowa.
Feb. 22—R. A. Riemenschneider, Kingsley, Iowa.
A. H. Stuart, Secy., Newhall, Iowa.

DUROC JERSEYS

Feb. 21—Knotek Bros., Riverside, Iowa, and Harold C. Timm, Muscatine, Iowa; sale at Muscatine.
Feb. 22—Harlan Harper & Sons, Story City, Iowa.
Feb. 22—Henry E. Krull, Buffalo Center, Iowa.
Feb. 24—Hugh Louden, Grinnell, Iowa.
Feb. 28—Leonard O. Stoehr, Plattsmouth, Neb.

HAMPSHIRES

Feb. 21—Harry Knabe, Nehawka, Neb.
Feb. 21—Raymond E. Daggett, Conrad, Iowa.
Feb. 22—C. E. and Alix Conover, Holstein, Iowa.
Feb. 27—Walter M. Seger (Dispersion), Linn Grove, Iowa.
Feb. 27—Ivan M. Olsen & Son, Council Bluffs, Iowa; sale at McKelvie's Barn.
Feb. 28—Danielson Bros., Nevada, Iowa.
Mar. 3—Roman J. Zimmerman, Harlan, Iowa.

HEREFORD HOGS

Feb. 22—H. C. Long & Son, Lake View, Iowa.
Mar. 19—Bert F. Lyon, Sac City, Iowa.

POLAND CHINAS

Feb. 19—H. F. Olerich & Sons, Rolfe, Iowa.
Feb. 27—O. W. Friesleu, Britt, Iowa.

SPOTTED POLAND CHINAS

Feb. 19—Miles M. Mann, Woodbine, Iowa.
Feb. 21—Minnesota Breeders Show and Sale, Sleepy Eye, Minn.; Floyd J. Grahn, Mgr., Willmar, Minn.
Feb. 24—Joe Holland, Ocheyedan, Iowa; sale at Spencer, Iowa.

LIVESTOCK FIELDMEN
M. T. WHITE, 604 No. Fortieth St., Omaha, Neb.; Phone, Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.

Around the Farm AND IN THE Feed Lot

by HOWARD MARSHALL

THE NEWS from both Europe and the Philippines has been so good in recent weeks that it's almost too good to be true. Russia's mighty advance on the East, and our own forces' progress on the West, have made the European picture one of hope for all who have sons "over there." Meanwhile, new victories on the Philippines, and liberation of Jap-held prisoners of war there, brought joy to those of us with loved ones on that side of the globe. Achievements on the fighting fronts deserve to be matched by accomplishment on the home front. Let's never let down, not even for a minute, until it's all over for both Hitler and Hirohito.

WE NEED MORE HOGS. High military and other demands make it vital that all hog producers achieve the 57½ million spring pig goal. Every farmer equipped is again urged to keep a few extra sows. But having and keeping sows is not enough. Providing them with proper care and feed is equally important. On the condition of the brood sow depends much of the success of litters soon to be farrowed.

TO HELP ASSURE STRONG PIGS, let's bear these suggestions in mind. Give the brood sow warm, clean, dry quarters, not overcrowded. Encourage her to exercise. Provide sunlight. Handle her gently. Above all, be sure she is supplied with the proper feed and minerals necessary to maintain her own body and build the unborn litter. Oats are recommended. So is alfalfa hay. Corn, proteins and minerals, of course, must be furnished. The same is true of plenty clean, fresh water. Make sure that her bowels move regularly. Avoid rapid changes in rations or amounts. Remember that Walnut Grove minerals have helped many other hog raisers attain success.

FEBRUARY PORKERS have already arrived on many farms, and a lot more will show up before the month ends. We can save a lot of potential 250-pounders by taking certain precautions and doing some extra work. Guard rails are not hard to make. Electric or other brooders can be prepared at home, and save a great many pigs. Being on hand when the pigs come, being sure they are dry and get some of their mother's precious milk, may mean a little lost sleep, but it pays big dividends.

WE'RE ALWAYS PROUD to talk about large farm families who feed our product to livestock. In Palo Alto county, Iowa, there are John, Bert and Charles Rouse—brothers; Ralph and Rex, sons of John; Vernon, son of Bert; Bruce and Cyril, sons of Chas., and Welcome Jones, son-in-law of Chas. There is Archie Shaeffer and son Robert, brother-in-law and nephew of Chas., Bert and John Rouse; and Forrest Rouse, a nephew; also Melvin Hill and Russell Bohn, brothers-in-law of Bruce Rouse. All have separate farms and all feed our products. Our representative in this territory is E. S. Garner.

THERE'S TROUBLE AHEAD on many farms. Moisture in corn is holding very high in many parts of Iowa, Nebraska, South Dakota and Minnesota. Last fall's bumper crop has not all been properly stored, and much of it is in serious danger of spoilage, especially when the weather warms up. There are no cars to haul the corn and no place to haul it to. Feeders should use or buy this high-moisture corn now while it is still very usable, and hold the better corn. In many cribs, corn has been removed, ventilators put in, and the corn recribbed, minus silks, debris, etc.

WHEN WINTER WINDS blow outside and snow blankets fields and farmstead—the whole family goes for good, fresh popcorn. Apparently, there will be plenty to go around. In the past year, farmers produced a record crop of popcorn—over 202 million pounds of ear corn. Prices to growers are below last year, controlled at a ceiling of about $3.68 per 100 pounds of ear corn. Ceilings on everything, it seems.

RECORD LIVESTOCK SALES are again reported. At Denver last month two Hereford bulls went for $50,000 each. Pretty nice for the rancher who sold them, and it may help income tax figuring for the buyers, but it's a fancy price for something that can die overnight. True many worthy, solid breeders of fine livestock have good prices coming to them. We're not begrudging them a good return, provided the deals are on a cash basis or its equivalent. It does bother us, though, what the "millionaire" prices might tend to do for the rest of us who also want to buy good stock but who have to compete with the big boys.

THE VALUE of a good mineral feed is being demonstrated more and more in Woodbury county, Iowa, where our representative, Ralph Walker, is doing a worthwhile job in servicing our products. We note on our customer lists there R. J. Beers, Russell Elser, Ashmore Bros., Art Burnham and Clarence Johnson. These men have been using our goods over a period of time, and are enthusiastic about the results obtained.

TRADING HIT A NEW HIGH in an Indiana farm community recently. A farmer near Plymouth figured he had just what it takes to get a cow he needed to finish out his herd. He put an ad in a South Bend paper. The ad read, "Wanted to Trade—34 cartons of cigarettes for a good milk cow."

EXPERTS say the type of hog produced after the war, to meet producers' needs, must be prolific, vigorous, make rapid and economical gains and have market finish at weights of 180 to 240 pounds. Consumers demand a type with a maximum of lean in proportion to fat, and not more than a half-inch of fat over back, loin and hams. To meet the postwar situation, an effort should be made to adjust price floors to avoid a repetition of the awful drop following World War I. An effort also should be made to obtain an increased export demand for pork and lard, and—to increase the home demand for lard.

IN OUR CUSTOMER CLUB of 15 or more years as users of our product in Warren county, Iowa, we find such names as Glen Rebarger, Ed Gass, Robert Morrison, J. Ford, Forrest Bishop, Ernest Hunerdosse, Noe Chumbley and Roy King. That they know the value of a mineral feed goes without saying. They've been customers of our long-time representative in that territory, Jonas Fender, who has been handling our merchandise in this same locality for 23 years.

CENSUS TAKERS are continuing their work in this country, and by the end of this month will have most of their counts taken. Livestock, machinery, farm acres and value, etc., are being tabulated. Meanwhile, in what now seems hardly necessary for a good share of their farming areas, the Nazis have designated March 3 as their farm census day. On that date, according to Herr Goebbels, all Nazi farmers are to lock up their pigs and chickens, if they have any left, and rural Gestapo "gauleiters" will add up what is left—that is, if there is anything left of Hitlerland by then. Heavy penalties are threatened the Germans who give false information.

AS OUR THOUGHTS DRIFT again and again to the boys on the fighting fronts, and to the grim destruction of life and of property wherever battles are or have been raging, this hope comes to mind. Wars always end sometime, Peace always returns. Thank God for that! How effectively we manage the Peace, once it comes back, remains to be seen. Already, there has been some cause to wonder. However, when the shooting finally stops, and the lights go on again, it is pretty certain every land and all people will have all they want of war, and if we get back to fundamentals—like those we see out in the open country—Peace can truly be a lasting reality.

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Walnut Grove Minerals
Home Office ATLANTIC—IOWA

Livestock News

The Iowa Hereford sale, Cedar Rapids, Iowa, January 29 and 30, under the able directions of J. C. Holbert, secretary, was again very successful. The cattle were shown on January 29 and the females were sold that night. The champion female was MB Dot Blanchard, a May yearling daughter of Don Letston, from the herd of McMahon Bros., Graf, Iowa, and sold for $8,300 to Fruehauf Farms, Cedar Rapids, Iowa. The reserve champion, MC Starlet 5th, a daughter of WHR Ruling Star 31st, from Maplecrest Farm, Wellman, Iowa, sold for $3,000 to T. R. Sorenson, Monee, Ill. Laura Dean 5th, by Dean Prince Domino 10th, from the John C. Wisdom herd, sold for $2,500 to T. R. Sorenson. The grand champion bull was Iowa's Bocaldo 2d, owned by Lyman E. Meyer, Bellevue, Iowa. He is a May yearling son of FRC Bocaldo Tone 4th, and sold for $2,500 to W. D. Hawk & Son, Humboldt, Iowa. The reserve champion was Tony, an August yearling, owned by H. J. Woody, Reasnor, Iowa. He is a son of Master Tone, and sold for $1,675 to Hillandale Farm, Muscatine, Iowa. The grand champion futurity calf, a January calf from Maplecrest Farm, by WHR Ruling Star 31st, topped the bull sale at $4,225, and went to Pleasant Valley Hereford Farm, Chelsea, Iowa. Hector Stanway, a November yearling son of Mischief Stanway 244th, owned by Farrell G. Siehl, Grinnell, Iowa, was the favorite of many, and sold to Tom Murray, Oxford Junction, Iowa, at $1,650. The 110 females averaged $407, with 189 bulls at $341.40 each, and the 299 lots sold for a total of $168,320, a general average of $386.90. Auctioneers, A. W. Thompson and J. E. Halsey.

The Mancryco Farms, Manning, Iowa, held their annual Poland China bred sow sale on January 26, with a large attendance, and they sold 40 head at an average of $146 each. No. 1, an Overall spring gilt, topped the sale, going to Henry Saggau at $650, and the tried sow, Maxine, went to Clark Huber at $480. O. W. Friedow, Britt, Iowa, secured Maybelle, a spring gilt, at $150. The Rancho Ranch, Sanydara, Calif., took No. 7 at $190, and F. L. McKay, Ida Grove, Iowa, got No. 6 at $175. Dean Dodder, Letts, Iowa, landed No. 2 at $265, and No. 8 went to M. P. Jensen & Son, Exira, Iowa, at $150. No. 31, the Chu Chin Chow gilt, went to Bart Anderson & Son at $150. Walter Bussey took No. 11 at $185, and Andy Harrington, Jr., got No. 39 at $136.50. It was a grand offering of sows, and they were bred to high-class boars. H. S. Duncan was the auctioneer in charge of the sale.

Arthur S. Wood, Yale, Iowa, held his Angus dispersion at Panora, Iowa, on January 24, and a good crowd was in attendance. He presented a good, practical offering in just breeding condition. The herd bull, Joy Lane Buster, a two-year-old, sold for $300 to D. W. Lee, Mapleton, Iowa. The 18 young bulls, which were from March to June calves, averaged $155, the nine heifer calves averaged $112.50 and the 31 bred cows and heifers $193 each. One bull, Lot 56, sold for $235 to Bill Vokt, Adair, Iowa. The top female was Blackwood Louise 2d, a four-year-old, and sold for $305 to Audra Buck, Greenfield, Iowa. Auctioneer, J. E. Halsey.

The L. R. McClarnon Poland sale, at Braddyville, Iowa, January 24, encountered the worst roads of the winter season. The roads were simply terrible that day, and it kept a lot of people from attending. Mr. McClarnon had a splendid offering, and he disposed of 61 spring gilts at an average of $85 per head—and that was not so bad. The top gilt was No. 10, and she went to the Mancryco Farms, Manning, Iowa, at $152.50. No. 11 went to F. Christensen, Clarinda, Iowa, at $135; No. 3 brought $122.50; No. 2 went to O. Rafferty at $110, and No. 4 went to F. L. McKay, Ida Grove, Iowa, at $110. It was a very even sale. Harve Duncan did the selling.

Rationing Calendar

SUGAR—
Sugar Stamp No. 34, in Ration Book No. 4, good for 5 pounds.

SHOES—
Airplane Stamps Nos. 1, 2 and 3, in Book No. 3, are valid for 1 pair each indefinitely.

PROCESSED FOODS—
Blue Stamps X5 to Z5, inclusive, and A2 to M2, inclusive, in Book 4, are valid.

MEATS, CHEESE AND FATS—
Red Stamps Q5 to Z5 and A2 to D2, inclusive, in Book 4, are valid.

GASOLINE—
Stamps bearing the number "14," in "A" ration books, are valid for 4 gallons each thru March 21.

TIRE INSPECTION—
Truck and commercial vehicle tires must be inspected every 5,000 miles or every six months, whichever occurs first.

Production *and* Type*

Plus SURGE Milking

Everything Needed for a Winning Combination

Simply milking a cow with a Surge Milker won't make a champion of her. What we say now, and have said for many years, is that fast milking makes a good cow a better cow . . . and that Surge milking *is fast milking*.

The exceptionally fine Pure Bred Jersey herd on Silver Spring Farm, near Syracuse, N. Y. was developed by John Luchsinger through a knowledge of good breeding, excellent dairy management and hard work . . . and a determination to have the best.

There are mighty good reasons why Mr. Luchsinger selected the Surge to milk his prize winning, high producing cows. These same reasons are creating an ever growing demand for Surge Milkers everywhere.

We are supplying this demand as fast as present restrictions permit. A bright shining new Surge leaves the production line every four minutes of our working day.

A lot of people want Surge Milkers and many are waiting patiently for them . . . *they know a Surge is well worth waiting for*

* Premier Breeder

In addition to winning the highest award at New York State Fair as Premier Breeder two years in succession (1938-1939), Mr. Luchsinger's Silver Spring Farm Jerseys have won hundreds of prizes in local, state and national dairy shows.

This coupled with an average production of more than *460 pounds of butterfat per cow* is convincing proof of intelligent management, selection and breeding of the highest order.

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